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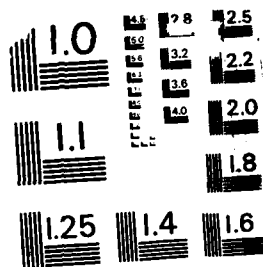
ARKHANGELSK USSR LIMITED SURFACE OBSERVATIONS CLIMATIC
SUMMARY (LISOC) PARTS A-F (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. JAN 88
USAFETAC/DS-88/003

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"LIMITED SURFACE OBSERVATIONS"
CLIMATIC SUMMARY "LISOCs"

ARKHANGELSK USSR MSC #225500
N 64 35 E 040 30 ELEV 43 FT ULAA

PARTS A - F HOURS SUMMARIZED: SYNOPTIC HRS

PERIOD OF RECORD:
HOURLY OBSERVATIONS: OCT 77 - SEP 87
SUMMARY OF DAY DATA: DEC 58 - SEP 87

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REVIEW AND APPROVAL STATEMENT

USAFETAC/DS-88/003 ARKHANGELSK USSR (LISOCs) Jan 1988 is approved for public release. There is no objection to unlimited distribution of this document to the public at large, or by the Defense Technical Information Center (DTIC) to the National Technical Information Service (NTIS).

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FOR THE COMMANDER



WALTER S. BURGANN
Scientific and Technical Information Program Manager

REPORT DOCUMENTATION PAGE

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19 Abstract: A statistical data summary of surface weather observation climatology: Arkhangelsk USSR. This summary is similar to the Revised Uniform Summary of Surface Weather Observations (RUSSWO), but is based on data collected from limited-duty weather observing stations; i.e., those that take weather observations less than 24 hours a day, 7 days a week. The summary is in five parts: PART 1, Weather Conditions and Atmospheric Phenomena; PART 2, Surface Winds; PART 3, Ceiling and Visibility; PART 4, Psychrometric Summaries; and PART 5, Pressure Summaries. Note that PART 2, Precipitation, is omitted. See USAFETAC/TN-83-001 (AD132186), An Aid For Using The Revised Uniform Summary of Surface Weather Observations (RUSSWO), for complete descriptions of contents and instructions for use.

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22c Office Symbol: USAFETAC/LDD.

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LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY

STATION NAME: ARKHANGELSK USSR

STATION NUMBER: 225500

SUMMARIZED HOURS: SYNFOIC 3-HOURLY

PERIOD OF RECORD

HOURLY OBSERVATIONS: OCT 77 - SEP 87

SUMMARY OF DAY DATA (TEMPERATURES ONLY): DEC 58 - SEP 87

SUMMARY OF DAY DATA (PART TIME): NONE

TIME CONVERSION LST TO GMT: -3

DATE PRODUCED: 30 DEC 87

ALL USERS OF THIS LISOCs MUST FAMILIARIZE THEMSELVES WITH THE SITE'S DATA LIMITATIONS PRIOR TO USING OR DISTRIBUTING THESE SUMMARIES. A SPECIAL CAVEAT PAGE PROVIDES IMPORTANT INFORMATION FOR ALL USERS. THIS CAVEAT PAGE IS LOCATED IN FRONT OF THE SUPPLEMENTAL SECTION.



OL-4/USAFETAC/MAC/AWS
ASHEVILLE NC 28901

LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARIES--LISOCs

HOURLY OBSERVATIONS: ALL RECORD OR RECORD SPECIAL OBSERVATIONS RECORDED ON THE AWS FORMS 10/10A AT SCHEDULED HOURLY INTERVALS.

SUPPLEMENTAL DATA: DATA DERIVED FROM EARLIER PERIODS IF AVAILABLE, AND/OR FROM ONE OR MORE REPRESENTATIVE SITES AND COMBINED BY A METEOROLOGIST.

DESCRIPTION OF SUMMARIES: PRECEDING EACH PART OF THE RUSSWO IS A BRIEF DISCUSSION OF THE SUMMARY INCLUDING THE MANNER OF PRESENTATION.

HOURLY SUMMARIES CONTAINING "TOTALS" AND "ALL HOURS" ARE ONLY FOR THOSE HOURS SUMMARIZED. IN COMPUTING THESE VALUES THE VALUES IN THE 3-FOUR TIME GROUPS WERE ADDED AND DIVIDED BY THE NUMBER OF GROUPS.

STANDARD 3-HOUR TIME GROUPS: IN ALL SUMMARIES SHOWING DIURNAL VARIATIONS, WE SUMMARIZE DATA USING THE FOLLOWING EIGHT 3-HOUR TIME PERIODS IN LOCAL STANDARD TIME: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 LST.

FOR A DETAILED DESCRIPTION OF EACH SUMMARY WITH EXAMPLES AND EXERCISES ON ITS USAGE, SEE USAFETAC/TN-93-001, "AN AID FOR USING THE REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS" (RUSSWO).

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PART C: SURFACE WIND SUMMARIES

PART D: CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

PART E: TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

PART F: PRESSURE SUMMARIES

SUPPLEMENTAL DATA SECTION--SUMMARY OF DAY DATA

AWSMC NUMBER: THIS NUMBER IS THE AIR WEATHER SERVICE MASTER STATION CATALOG NUMBER. THIS NUMBER IS COMPRISED OF THE WMO NUMBER WITH THE ADDITION OF A SUFFIX (0 THROUGH 9). IN CASES WHERE THERE IS NO DESIGNATED WMO NUMBER, A 5-DIGIT NUMBER IS CREATED IN AGREEMENT WITH WMO RULES PLUS A SIXTH DIGIT. THESE NUMBERS ARE ALSO REFERRED TO AS DATSAV OR USAFETAC NUMBERS WHICH UNIQUELY IDENTIFY MORE THAN 15,000 REPORTING STATIONS WORLD WIDE.

NOTE: THE FIRST AND LAST HOUR GROUPS MAY OR MAY NOT CONTAIN ALL THREE HOURS. SEE HOURS SUMMARIZED ON COVER OR STATION HISTORY SHEET TO DETERMINE WHICH HOURS ARE INCLUDED IN THESE TWO FOUR GROUPS.

STATION NO OR SUMMARY		STATION NAME		LATITUDE		LONGITUDE		FIELD ELEV (FT.)		CALL SIGN		WMO NUMBER	
225500		ARKHANGELSK USSR		N 64 35		E 040 30		43 Ft		ULAA		22550	
STATION LOCATION AND INSTRUMENTATION HISTORY													
NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY				
			FROM	TO			FIELD (FT)	HT. BARO.					
1.	ARKHANGELSK, USSR	FGN	OCT 77	SEP 87	N 64 35	E 040 30	43 Ft	N/A	8				
NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE							
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND								
		UNKN	UNKN	UNKN	UNKN								

NUMBER OF STATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	

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WEATHER CONDITIONS AND ATMOSPHERIC PHENOMENA SUMMARIES

WEATHER CONDITIONS SUMMARY

1. A PERCENTAGE FREQUENCY OCCURRENCE SUMMARY OF VARIOUS ATMOSPHERIC PHENOMENA AND OBSTRUCTIONS TO VISION.
2. DATA BASED ON HOURLY OBSERVATIONS.
3. SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

DEFINITIONS:

THUNDERSTORMS: ALL REPORTED THUNDERSTORMS, TORNADOES AND WATERSPOUTS.

RAIN AND/OR DRIZZLE: ALL REPORTED RAIN AND OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING RAIN AND/OR FREEZING DRIZZLE (GLAZE): ALL REPORTED FREEZING RAIN OR FREEZING DRIZZLE.

SNOW AND/OR SLEET. SNOW INCLUDING SNOW PELLETS AND GRAINS, ICE CRYSTALS AND PELLETS, AND/OR SLEET (ICE PELLETS).

HAIL: ALL REPORTED HAIL.

ALL PRECIPITATION: THIS CATEGORY INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY APPEAR IN A SINGLE OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL COLUMNS MAY EXCEED THE PERCENTAGES IN THIS COLUMN.

FOG: ALL REPORTED FOG, ICE FOG AND GROUND FOG.

SMOKE AND/OR HAZE: ALL REPORTED SMOKE, HAZE AND ANY COMBINATION THEREOF.

BLOWING SNOW: ALL REPORTED BLOWING SNOWS INCLUDING DRIFTING WHEN REPORTED.

DUST AND/OR SAND: ALL REPORTED DUST, SAND, BLOWING DUST, BLOWING SAND AND ANY COMBINATION THEREOF. THE ATMOSPHERIC PHENOMENA SUMMARY (DAYS WITH) INCLUDES ONLY THOSE REPORTS WHEN THE PHENOMENA VISIBILITY LESS THAN 5/8 MILES (1000 METERS).

ALL OBSTRUCTIONS TO VISION: INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION (FOG THRU DUST/SAND) AND BLOWING SPRAY. BECAUSE MORE THAN ONE PHENOMENA PER OBSERVATION MAY OCCUR, THE SUM OF THE INDIVIDUAL COLUMNS MAY EXCEED THIS COLUMN.

NOTES:

1. A VALUE IN THE TABLES OF ".0" INDICATES LESS THAN .05% OCCURRENCE WHICH IS USUALLY ONLY ONE OCCURRENCE
2. METAR STATIONS (BEGINNING IN JAN 1969) AND SYNOPTIC REPORTING STATIONS RECORDED ON THE AWS FORMS 12/10A AND TRANSMITTED LONGLINE ONLY THE HIGHEST ORDER OF ATMOSPHERIC PHENOMENA OBSERVED. BEGINNING IN JAN 1973, METAR STATIONS RECORDED ALL OBSERVED PHENOMENA BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE OBSERVATION CONTAINED RAIN, FOG AND SMOKE, ALL THREE WILL APPEAR ON THE AWS FORMS 12/10A, BUT ONLY THE RAIN WAS TRANSMITTED LONGLINE. THEREFORE ONLY THE RAIN APPEARS IN OUR DATA BASE FOR HOURLY SUMMARIZATION. THIS PRACTICE AFFECTS THE PERCENTAGES IN THE TABLES.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM FOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: JAN

HOURS (LST)	TSTMS	RAIN E/OR GRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02		.3		47.5		47.9	13.4		.3		13.8	305
03-05		.3	.3	43.4		44.0	13.2		.7		13.9	302
06-08				42.8		42.8	13.7		.3		14.0	299
09-11		.7	.4	37.3		38.4	19.0	.4			19.4	279
12-14		1.0		46.5		47.5	18.2	.3			18.5	297
15-17				40.0		40.0	15.7	.3	.3		16.4	305
18-20			.3	42.3		42.6	16.7		.3		17.0	305
21-23		.3		46.7		47.1	15.0		.3		15.4	306
TOTALS		.3	.1	43.3		43.8	15.6	.1	.3		16.1	2398

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: FEB

HOURS (LST)	TSTMS	RAIN E/OR GRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02		.7		41.2		42.0	13.1				13.1	274
03-05		1.1		41.6		42.7	12.0				12.8	274
06-08	.4	.7		38.0		38.7	12.0				12.0	274
09-11		1.2		45.6		46.8	14.7	.4			15.1	252
12-14		.7		43.3	.4	44.3	15.2	.4		.4	16.0	282
15-17		.7		33.2		33.9	1.0				13.0	277
18-20		.7	.4	32.2		33.0	13.9			.4	14.3	273
21-23		.7		38.7		39.4	11.7				11.7	274
TOTALS	.1	.8	.1	39.2	.1	40.1	13.3	.1		.1	13.5	2180

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 22550C STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: MAR

HOURS (LST)	TSTMS	RAIN E/OR CRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02		1.6		27.8		29.1	16.0	.7			16.7	306
03-05		1.3		25.0		26.3	16.4	.3			16.8	304
06-08		.7		28.0		28.6	23.0				23.0	304
09-11		1.1		28.1		29.1	20.9	.7			21.6	278
12-14		2.0		27.1		28.7	17.8	1.7			19.5	303
15-17	.3	1.6		22.4		23.7	12.2	1.6			13.8	304
18-20		2.3		24.8		26.7	8.9	2.0			10.9	303
21-23		3.0		22.7		25.3	15.5				15.5	304
TOTALS	.0	1.7		25.7		27.2	16.3	.9			17.2	2406

STATION NUMBER: 22550C STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: APR

HOURS (LST)	TSTMS	RAIN E/OR CRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02		6.5		13.0		18.8	10.2	.3			10.6	293
03-05		3.7		15.0		18.0	14.3	.3			14.6	294
06-08		3.4		22.3		25.0	16.9				16.9	296
09-11		4.1		19.9		23.6	13.7	.7			14.4	271
12-14		3.7		12.8		16.4	9.7	.7			10.4	298
15-17		5.8		10.8	.3	16.9	4.4	1.0			5.4	295
18-20		5.6		7.2		13.0	4.8	1.7			6.5	292
21-23		5.4		11.9		16.9	7.1	.7			7.8	295
TOTALS		4.6		14.1	.0	18.6	10.1	.7			10.8	2334

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 22550C STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: MAY

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02		7.5		4.3		11.8	7.5				7.5	305
03-05		7.9		3.3		11.1	10.2	.3			10.5	305
06-08		10.3		6.6		16.6	7.6				7.6	302
09-11	.3	8.3		7.0		15.2	4.3	.7			5.0	302
12-14		8.2		5.2		13.4	2.0	.3			2.3	305
15-17	.3	7.9		5.6		13.5	2.3	1.0			3.3	303
18-20		8.4		3.3		11.7	2.0	1.0		.3	3.3	299
21-23	.3	9.1		3.3		12.1	4.9	.3			5.2	307
TOTALS	.1	8.5		4.8		13.2	5.1	.5		.0	5.6	2428

STATION NUMBER: 22550C STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: JUN

HOURS (LST)	TSTMS	RAIN &/OR DRIZZLE	FRZING RAIN &/OR DRIZZLE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02		11.6		1.0	.3	12.6	4.4				4.4	294
03-05		10.9		1.4		11.9	7.2				7.2	293
06-08		8.6		1.7		10.4	7.7				7.7	297
09-11		8.2		1.0	.3	9.5	3.1	.3			3.4	294
12-14	.3	11.8		1.3	.3	13.1	.3				.3	297
15-17	1.7	12.1		1.7	.3	14.1	.7				.7	297
18-20	2.0	13.2		1.7		14.9	.3	.7			1.0	295
21-23	.3	11.5		1.0		12.5	2.0				2.0	295
TOTALS	.5	11.0		1.4	.2	12.4	3.2	.1			3.3	2362

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: JUL

HOURS (LST)	TSTMS	RAIN 6/0R DRIZZLE	FRZING RAIN 6/0R DRIZZLE	SNOW 6/0R SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE 6/0R HAZE	BLOWING SNOW	DUST 6/0R SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02	.3	8.9				8.9	8.2				8.2	304
03-05	.3	10.1				10.1	11.4				11.4	308
06-08	.7	12.5				12.5	10.2				10.2	305
09-11		10.7				10.7	10.1				10.1	307
12-14	.3	11.5				11.5	4.9	.3			5.3	304
15-17	2.6	12.1				12.1	2.6	.3			2.9	306
18-20	2.6	11.3				11.3	2.6	.7		.7	4.0	302
21-23	1.3	10.7				10.7	5.5	.7			6.2	307
TOTALS	1.0	11.0				11.0	6.9	.3		.1	7.3	2443

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: AUG

HOURS (LST)	TSTMS	RAIN 6/0R DRIZZLE	FRZING RAIN 6/0R DRIZZLE	SNOW 6/0R SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE 6/0R HAZE	BLOWING SNOW	DUST 6/0R SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02	.3	10.8				10.8	9.8	.3			10.1	306
03-05		11.9				11.9	12.5	.7			13.2	303
06-08		11.6				11.6	18.6				18.6	301
09-11	.3	11.5				11.5	12.1	.7			12.8	305
12-14	.3	11.3				11.3	7.6	1.0			8.6	301
15-17	1.0	10.1				10.1	3.2				3.2	308
18-20	.3	10.7				10.7	4.7	.3			5.0	300
21-23	.3	12.8				12.8	6.9				6.9	305
TOTALS	.3	11.3				11.3	9.4	.4			9.8	2429

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 22550C STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: SEP

HOURS (LST)	TSTMS	RAIN G/0R GRIZZLE	FRZING RAIN G/0R DRIZZLE	SNOW G/0R SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE G/0R HAZE	BLOWING SNOW	DUST G/0R SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02		16.2		1.0		17.2	10.0	.3			10.3	291
03-05		14.4		.3		14.7	14.0				14.0	292
06-08		15.9		.7		16.6	21.1				21.1	289
09-11		12.5		1.0		13.5	19.9	.7			20.5	297
12-14		15.2		.7		15.9	10.4	.3			10.7	289
15-17	.3	16.7		.7		17.3	9.2				9.2	294
18-20	.7	17.6		1.0		18.6	5.9	.3			6.2	290
21-23		16.1		.7		16.7	8.0	.3			8.4	299
TOTALS	.1	15.6		.8		16.3	12.3	.2			12.6	2341

STATION NUMBER: 22550C STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: OCT

HOURS (LST)	TSTMS	RAIN G/0R GRIZZLE	FRZING RAIN G/0R DRIZZLE	SNOW G/0R SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE G/0R HAZE	BLOWING SNOW	DUST G/0R SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02		18.8		13.4		31.5	7.7				7.7	298
03-05		17.7	.7	13.8		30.8	10.2				10.2	305
06-08		14.9		13.9		28.8	14.6				14.6	302
09-11		18.6	.7	14.5		31.8	18.4				18.4	283
12-14	.3	18.5	.3	11.1		28.9	13.8				13.8	298
15-17		14.1		9.5		22.4	12.2	.3			12.5	304
18-20		18.5		11.8		29.0	10.1				10.1	297
21-23		15.4		15.0		29.4	10.5				10.5	306
TOTALS	.0	17.0	.2	12.9		29.1	12.2	.0			12.2	2393

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: NOV

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02		6.8		35.3		42.0	7.8				7.8	295
03-05		6.2		32.9		38.7	5.1				5.1	292
06-08		8.5		34.0		42.2	9.2				9.2	294
09-11		5.1	.7	31.3		37.1	10.2				10.2	275
12-14		7.6		38.8		46.0	9.3	.3			9.6	291
15-17		7.5	.3	35.0		42.2	11.2		.3		11.6	294
18-20		7.2		33.8		40.6	7.8		.3		8.2	293
21-23		5.4	.3	33.8		39.5	9.5		.3		9.8	296
TOTALS		6.8	.2	34.4		41.0	8.8	.0	.1		8.9	2330

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: DEC

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
03-02		1.6	.3	47.9		49.5	8.8				8.8	307
03-05		1.0		50.7		51.6	9.2				9.2	306
06-08		1.3	.3	41.9		43.5	11.0				11.0	301
09-11		2.5		41.4		43.9	12.9				12.9	278
12-14	.3	2.0		45.0		46.9	14.7	.3			15.0	307
15-17		.7		37.8		38.5	19.8		.7		15.5	304
18-20		1.6		43.8		44.7	12.8		.3		13.2	304
21-23		1.3		46.2		47.2	9.8	.3			10.2	305
TOTALS	.0	1.4	.1	44.3		45.7	11.8	.1	.1		12.0	2412

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 22550C STATION NAME: ARK-ANGELSK USSR

PERIOD OF RECORD: 77-87
MONTH: ALL

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
JAN ALL		.3	.1	43.3		43.8	15.6	.1	.3		16.1	2398
FEB		.1	.8	39.2	.1	40.1	13.3	.1		.1	13.5	2180
MAR		.0	1.7	25.7		27.2	16.3	.9			17.2	2406
APR			4.6	14.1	.0	18.6	10.1	.7			10.8	2334
MAY		.1	8.5	4.8		13.2	5.1	.5		.0	5.6	2428
JUN		.5	11.0	1.4	.2	12.4	3.2	.1			3.3	2362
JUL		1.0	11.0			11.0	6.9	.3		.1	7.3	2443
AUG		.3	11.3			11.3	9.4	.4			9.8	2429
SEP		.1	15.6	.8		16.3	12.3	.2			12.6	2341
OCT		.0	17.0	.2	12.9	29.1	12.2	.0			12.2	2393
NOV			6.8	.2	34.4	41.0	8.8	.0	.1		8.9	2330
DEC		.0	1.4	.1	44.3	45.7	11.8	.1	.1		12.0	2412
TOTALS		.2	7.5	.1	18.4	.0	25.8	10.4	.3	.0	10.8	28456

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SEE SUPPLEMENTAL SECTION (SUMMARY OF DAY DATA) FOR THESE SUMMARIES.

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BIVARIATE PERCENTAGE FREQUENCY TABULATIONS OF SURFACE WINDS

DATA DERIVED FROM HOURLY DATA.

PRESENTED ARE THE PERCENTAGE FREQUENCY OF WIND DIRECTION TO 16 COMPASS POINTS, CALM AND VARIABLE VERSUS WIND SPEED IN KNOTS IN INCREMENTS OF BEAUFORT CLASSIFICATIONS.

PERCENTAGES ARE SHOWN BY BOTH DIRECTIONS AND SPEED, AND IN ADDITION THE MEAN WIND SPEED IN GIVEN FOR EACH DIRECTION.

DATA PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

A SEPARATE ANNUAL TABLE PRESENTS THE SAME BIVARIATE DISTRIBUTIONS WITH IMPOSED CEILING/VISIBILITY LIMITATIONS: WHEN VISIBILITY IS EQUAL TO OR GREATER THAN 1/2 MILES, THE CEILINGS ARE 200 TO 1400 FEET AND/OR WHEN THE CEILING IS EQUAL TO OR GREATER THAN 200 FEET, THE VISIBILITIES ARE 1/2 THROUGH 2 1/2 MILES.

A PERCENTAGE VALUE OF ".00" IN THESE TABLES INDICATES ONE OR MORE OCCURRENCES AMOUNTING TO LESS THAN .05%.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.7	1.3									2.6	3.0
NNE	1.7	.3	.3								2.3	3.7
NE	.3	1.7	.3								2.3	5.1
ENE	1.7	1.0	.3								3.0	3.8
E	1.7	.7	.7								3.0	4.2
ESE	.7	5.3	2.0	.3							8.3	6.2
SE	1.7	8.3	5.3	2.0							17.2	6.5
SSE		5.9	3.0	1.7							10.6	7.3
S	.3	2.6	1.3	.3							4.6	6.6
SSW		2.3	2.0	1.0							5.3	8.4
SW	.3	1.7	1.3	1.3	.3						5.0	9.4
WSW	1.0	3.3	2.3	.3							6.9	6.1
W	1.7	3.3	4.0	1.7							10.6	7.2
WNW	1.0	1.3	1.0	.7	.7						4.6	8.6
NW	.7	1.3	.3	.3	.3						3.0	6.8
NNW	1.7	2.0	.3								4.0	3.8
VARIABLE												
CALM	////////////////////										6.9	////
TOTALS	15.5	42.2	24.4	9.6	1.3						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 303

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.3		.7									3.0	3.3
NNE	.7	1.0	.3									2.0	4.7
NE	.7	.7	.7									2.0	4.7
ENE	.3	1.3		.7								2.3	7.1
E	1.0	1.7	.7									3.3	4.6
ESE	2.0	2.0	1.3	.3								5.6	5.2
SE	2.0	11.0	4.7	2.0								19.6	6.5
SSE		4.7	3.0	2.0								9.6	7.7
S	1.0	4.3	2.3	1.3								9.0	6.5
SSW		1.3	.7	1.0								3.0	9.8
SW	1.7	1.3	1.3	1.7								6.0	7.3
WSW	.7	3.7	3.7	.3								8.3	7.0
W	.7	4.0	2.3		.3							7.3	6.3
WNW	1.0	.3	.3	1.0								2.7	7.8
NW	.7	1.7	1.0	1.0								4.3	7.2
NNW	1.7	2.0	.3									3.7	4.2
VARIABLE													
CALM	////////////////////											8.3	////
TOTALS	15.9	40.9	23.3	11.3	.3							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 201

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS (LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.7	2.7										3.3	4.0
NNE	.3	.3	.7									1.3	6.0
NE	1.0	1.0										2.0	3.7
ENE	.7	1.7	.7	.3								3.3	5.8
E	1.3	1.3	.7									3.3	4.2
ESE	2.0	4.3	2.0	.3								8.7	5.4
SE	1.0	9.7	6.0	2.0								18.7	6.8
SSE	.3	4.3	.7	1.0								6.4	6.2
S		4.7	3.0	1.7								9.4	7.6
SSW	1.0	2.0	1.3	1.0	.3							5.7	7.4
SW	.7	1.7	2.3	.7								5.4	7.5
WSW		2.0	1.0	1.7								4.7	8.4
W	.3	4.0	2.0	1.3								7.7	7.3
WNW	.7	1.0	.7	.3	.3							3.0	7.7
NW	.7	.3	.7	.7								2.3	8.3
NNW	1.3	2.0	.7	.3								4.3	5.1
VARIABLE													
CALM	////////////////////											10.4	////
TOTALS	12.0	43.1	22.4	11.4	.7							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 799

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(1ST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		1.8	.4								2.2	5.0
NNE	.4	1.1	.7								2.2	6.0
NE		1.1									1.1	4.7
ENE	.7	1.8									2.5	4.3
E	1.8	1.8	.4								3.9	3.6
ESE	2.5	5.0	3.2								10.8	5.3
SE	2.9	8.2	5.7	3.6							20.4	6.8
SSE	.7	3.9	2.2	.7							7.5	6.3
S	1.4	4.3	2.5	2.2							10.4	7.4
SSW	.4	1.1	1.8	1.1	.4						4.7	9.0
SW	.7	2.2	1.1	.4							4.3	6.5
WSW	1.1	1.4	2.5	.7							5.7	7.1
W	.7	2.2	2.5	.4	.4						6.1	7.5
WNW		.7	.4	.4							1.4	8.5
NW		1.1	1.8	.4							3.2	7.1
NNW	1.8	2.2	.4	.4							4.7	4.8
VARIABLE												
CALM	////////////////////											9.0
TOTALS	15.1	39.8	25.4	10.0	.7						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 279

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLARLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 56	TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			
N	.7	1.0	.3									2.0	4.3
NNE	2.0		.3		.3							2.7	4.6
NE	1.7	.3	.3									2.4	3.4
ENE	1.0	1.7										2.7	4.0
E	1.7	2.0										3.7	3.5
ESE	1.7	4.4	2.0	.7								8.8	6.0
SE	2.4	7.4	7.1	2.0								18.9	6.9
SSE	1.4	3.4	2.7									7.4	5.5
S	1.0	3.0	2.4	2.7								9.1	7.9
SSW	.7	2.4	2.7	1.7		.3						7.8	8.3
SW	.3	1.7	1.4	1.0								4.4	8.2
WSW	.3	2.4	.3	1.0								4.1	6.3
W	.7	3.0	2.0	1.4								7.1	7.5
WNW	.3	.7	1.4									2.4	6.9
NW	1.7	2.0	.7									4.4	4.0
NNW	1.4	2.7	.7	.3								5.1	5.2
VARIABLE													
CALM	////////////////////											7.1	////
TOTALS	18.9	38.2	24.3	10.8	.3	.3						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 296

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225507 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(IST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.2	.7	.7		.3							2.0	7.8
NNE	2.0											2.0	2.0
NE	1.0	2.6	.3									3.9	3.8
ENE	.3	1.0										1.3	4.5
E	1.3	3.0	1.0									5.3	4.6
ESE	.7	6.9	2.3	.3								10.2	6.0
SE	3.0	7.9	6.6	1.6								19.1	6.6
SSE	1.3	4.3	2.0	.3								7.9	5.6
S	.7	2.6	3.6	1.3	.3							8.6	8.0
SSW		2.0	2.6									4.6	7.9
SW	.7	2.0	1.3	2.0								5.9	7.8
WSW		2.0	1.6	1.6								5.3	8.6
W	.7	3.0	1.0	.7								5.3	6.0
WNW	.7	1.6	1.0	.3								3.6	6.2
NW	.7	1.6	.3		.3							3.0	5.9
NNW	1.6	1.0	1.3									3.9	4.8
VARIABLE													
CALM	////////////////////											8.2	////
TOTALS	14.9	42.1	25.7	8.2	1.0							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 304

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(IST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.0	.3	.3									1.6	3.6
NNE	1.0	.7										1.6	2.8
NE	1.6	2.6	.3									4.6	3.9
ENE	1.0	1.7										2.3	3.4
E	.3	2.0	.3									2.6	5.0
ESE	2.3	6.9	2.0	.7								11.8	5.3
SE	1.6	7.2	7.2	1.6								17.8	6.8
SSE	.3	5.3	1.3	.3								7.2	6.1
S	.7	2.3	2.6	2.0								7.6	6.2
SSW	.7	2.0	1.3	1.0								4.9	7.3
SW	.3	1.6	3.0	1.3								6.2	8.2
WSW	.7	2.7	2.0		.3							5.3	7.1
W	1.3	3.3	2.6	1.0								8.2	7.0
WNW	.7	1.0	1.0	.7								3.3	7.0
NW	.7	2.3	.7		.3							3.9	6.8
NNW	1.3	2.3	.3									3.9	3.8
VARIABLE													
CALM	////////////////////////////////////										6.9	////	
TOTALS	15.5	43.4	25.0	8.6	.7							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 304

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 79-87
MONTH: JAN HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	.7	.3								1.6	4.4
NNE	1.3	1.0									2.3	3.1
NE	1.0	.7	.3								2.0	4.0
ENE	.7	2.6		.3							3.6	4.7
E	.7	3.3	1.0								4.9	4.9
ESE	1.3	5.2	3.0	.3							9.8	5.9
SE	1.3	7.2	3.9	2.0							14.4	6.6
SSE	1.3	4.3	3.3	1.6							10.5	7.1
S	1.0	3.9	1.6	.7							7.2	6.2
SSW	.7	2.6	1.6	1.3	.3						6.6	8.5
SW	.3	1.6	2.6	1.0							5.6	7.9
WSW	.3	3.0	.7	1.6	.3						5.9	8.2
W	2.3	3.6	1.6	.7							8.2	5.3
WNW	.3	1.3	1.0		.7						3.3	9.0
NW		2.0	1.0	1.0							3.9	7.8
NNW	1.6	2.6									4.3	3.8
VARIABLE												
CALM	////////////////////										5.9	////
TOTALS	14.8	45.6	22.0	10.5	1.3						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 305

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLARLY OBSERVATIONS

STATION NUMBER: 22550C STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS (LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.9	1.0	.3		.0							2.3	4.3
NNE	1.2	.5	.3		.0							2.0	4.1
NE	.9	1.3	.3									2.6	4.1
ENE	.6	1.5	.1	.2								2.6	4.7
E	1.2	2.0	.6									3.8	4.4
ESE	1.6	5.0	2.2	.4								9.2	5.6
SE	2.0	6.4	5.8	2.1								19.2	6.7
SSE	.7	4.5	2.3	1.0								8.4	6.6
S	.6	3.5	2.4	1.5	.0							8.2	7.4
SSW	.4	2.0	1.8	1.0	.1	.0						5.3	8.2
SW	.6	1.7	1.8	1.2	.0							5.4	7.9
WSW	.5	2.5	1.8	.9	.1							5.8	7.3
W	1.0	3.3	2.3	.9	.1							7.6	6.8
WNW	.6	1.0	.8	.4	.2							3.1	7.7
NW	.6	1.5	.8	.4	.1							3.5	6.6
NNW	1.5	2.1	.5	.1								4.2	4.5
VARIABLE													
CALM	////////////////////											7.8	////
TOTALS	15.1	41.9	24.0	10.0	.8	.3						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 2391

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS (LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.4	.7	.4									1.5	4.5
NNE	.7	.4	.4									1.5	4.5
NE	1.1	1.5	.4									2.9	4.3
ENE	.7	.7		.7								2.2	6.0
E	1.5	2.6	1.1									5.1	4.9
ESE	1.1	5.5	2.9	.4								9.9	5.8
SE	1.1	8.4	.7	.7								11.0	5.5
SSE	1.1	2.6	1.5	1.5								6.6	7.3
S	1.1	1.8	1.1	.7								4.8	6.6
SSW	1.1	4.4	1.8									7.3	5.8
SW		3.3	.7	1.5								5.5	7.3
WSW	1.5	2.6	2.2	.7								7.0	6.5
W	1.2	6.6	4.8	.7								13.9	6.4
WNW	.7	3.7	2.2	.4								7.0	6.4
NW	.7	1.8	1.1	.7								4.4	6.7
NNW	.4	1.5	1.8	.7								4.4	7.8
VARIABLE													
CALM	////////////////////											5.1	////
TOTALS	15.0	48.0	23.1	8.8								100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 273

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 7A-87
MONTH: FEB HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	1.1	.7								2.6	4.9
NNE	.7	.7									1.5	3.0
NE	.7	.7	.7								2.2	5.0
ENE		1.5		.4							1.8	6.8
E	1.1	3.6	.7								5.5	4.5
ESE	2.6	4.0	1.1	.4							8.0	4.6
SE	1.5	9.9	1.8	.7							13.9	5.4
SSE	1.1	4.7	1.1	.7	.4						8.0	6.3
S	.7	1.5	3.3	.7							6.2	7.4
SSW	.7	.4	1.5	1.1							3.6	8.0
SW	.7	1.8	1.8	.7							5.1	7.1
WSW		4.0	4.0	.4							8.4	6.8
W	1.8	5.5	3.6	1.5							12.4	6.5
WNW	2.2	.7	1.8	1.5							6.2	7.2
NW	.7	2.2	1.5								4.4	5.7
NNW	.4	1.8	.7	.4							3.3	6.4
VARIABLE												
CALM	////////////////////										6.9	////
TOTALS	15.7	44.2	24.5	8.4	.4						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 274

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 7P-87
MONTH: FEB HOURS (LST): 0600-0800

DIRECTION (DEGREE)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.7	2.6	.4									3.6	4.4
NNE	.7	.7	.4									1.8	4.4
NE	.7	1.8	.4	.4								3.3	5.1
ENE	.7	.4		.4								1.5	5.5
E	.7	1.1	.7									2.6	5.1
ESE	3.3	4.7	1.1	.7								9.9	4.7
SE	1.8	9.9	2.2									13.9	5.2
SSE	1.5	1.8	1.1	1.5								5.9	6.9
S	.7	5.1	1.8	.7								8.4	6.7
SSW	.7	3.6	3.3	.4								8.0	6.9
SW		1.5	1.8	.4	.4							4.0	8.1
WSW	2.2	2.6	4.4									9.1	5.8
W	1.5	3.6	3.6	.4								9.1	6.3
WNW	.7	2.6	.4	1.5								5.1	7.0
NW	.7	1.5	.7	.7								3.6	6.6
NNW		1.8	.7	.4								2.9	7.3
VARIABLE													
CALM	////////////////////											7.3	////
TOTALS	16.9	45.3	23.0	7.3	.4							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS: 274

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOLRLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.2	1.6									2.8	3.4
NNE		.4	.8								1.2	7.3
NE		.4									.4	4.0
ENE	1.2										1.2	2.0
E	1.6	1.2	1.2	1.2							5.2	6.5
ESE	1.2	5.2	.8	.8							8.0	5.6
SE	3.2	6.8	3.6	.4							13.9	5.3
SSE	2.4	2.8	2.4	.8							8.4	5.7
S	.8	3.6	3.6	.8							8.8	7.0
SSW	1.6	3.2	2.4	.4							7.6	6.2
SW	.4	2.8	2.4	1.2							6.8	6.9
WSW	.8	1.6	2.8	1.2							6.4	7.8
W	.8	3.6	3.2	.4	.4						8.4	7.0
WNW	.4	1.2	1.2	.8	.4						4.0	9.3
NW	1.2	2.4	2.0	.8							6.4	6.6
NNW	.8	1.2	1.2								3.2	5.8
VARIABLE												
CALM	////////////////////										7.6	////
TOTALS	17.5	37.8	27.5	8.8	.8						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 251

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLARLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	.4									1.1	2.7
NNE		.7									.7	5.0
NE	.4	2.5									2.8	4.5
ENE		1.1		.4							1.4	6.0
E	.7	2.5	.4	1.1							4.6	6.6
ESE	.7	2.8	2.1	1.1							6.7	6.7
SE	2.2	11.0	2.5	.7							17.0	5.3
SSE	1.8	1.8	1.4	1.1							6.0	6.6
S	1.1	2.5	1.8	.7							6.0	6.6
SSW		3.9	2.5	1.8							9.2	8.1
SW	.7	1.4	1.8	1.1							5.0	9.0
WSW		3.5	3.5	.4							7.4	7.0
W	.7	5.0	4.3	1.1							11.0	7.0
WNW	.4	1.4	2.8	.7							5.3	8.3
NW		1.8	1.8	.7							4.3	8.3
NNW	.4	3.2	.4	1.4							5.3	7.1
VARIABLE												
CALM	////////////////////										7.1	////
TOTALS	10.7	45.4	25.2	12.1							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS: 282

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		1.8									1.8	4.4
NNE		1.4	.4								1.8	5.6
NE	.4	1.4									1.8	3.6
ENE	1.1	1.1	.4	.7							3.2	5.6
E	1.1	2.2	1.8								5.1	5.7
ESE	.7	1.8	1.8	.4							4.7	6.5
SE	2.5	9.7	2.5	1.1							15.9	5.5
SSE	1.4	3.6	1.1	1.8							7.9	6.5
S	.7	1.1	3.2	1.1							6.1	7.6
SSW	.4	1.4	2.9	.7							5.4	7.7
SW		2.2	1.4	1.4							5.1	8.3
WSW	1.1	1.8	4.0	.7							7.6	7.4
W	.4	5.8	4.0	1.8							11.9	7.4
WNW	.4	3.2	2.5	1.4	.4						7.9	8.3
NW	1.8	2.9	1.1	.7							6.5	5.6
NNW	.4	.7	.4	1.1	.4						2.9	9.6
VARIABLE												
CALM	////////////////////										4.3	////
TOTALS	12.3	42.2	27.4	13.0	.7						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 277

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 7A-87
MONTH: FEB HOURS(IST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N		1.1										1.1	4.0
NNE		1.1										1.1	4.7
NE	.7		1.1	.7								2.6	7.7
ENE	.7	1.1	.7									2.6	4.9
E	1.5	3.0	1.1									5.5	4.7
ESE	1.5	3.7	1.5	1.1								7.7	6.2
SE	1.1	7.7	3.0	.4	.4							12.5	6.0
SSE	1.1	2.6	1.8	1.5								7.0	7.3
S		2.2	1.8	1.1								5.2	7.7
SSW	.7	4.8	1.8	.7								8.1	6.2
SW	.4	2.0	.7	1.5	.4							5.9	7.6
WSW	1.1	2.6	4.1	1.1								8.9	7.1
W	2.6	4.8	3.3	1.1								11.8	6.3
WNW	.7	3.0	1.5	.4								5.5	6.4
NW	1.9	1.8	2.6	1.5								7.7	6.8
NNW	1.1	1.5	.4	.4								3.3	5.8
VARIABLE													
CALM	////////////////////////////////////										3.3	////	
TOTALS	15.1	43.9	25.5	11.4	.7							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS: 271

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 22550C STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.4	1.1	.4								1.8	4.4
NNE	1.1	1.5									2.6	3.7
NE	.4	.4	.7	.7							2.2	7.7
ENE	.7	2.2	.4								3.3	4.7
E	1.1	4.0	.7	.4							6.2	4.9
ESE	2.2	4.0	1.1	.4							7.7	5.0
SE	1.1	5.1	4.0	.4	.4						10.9	6.7
SSE	.7	2.9	.7	1.1							5.5	6.8
S	.4	2.9	1.1	1.8							6.2	7.9
SSW	.4	3.3	2.6								6.2	6.6
SW	.7	2.6	1.1	1.5							5.8	7.5
WSW	.4	2.9	3.6	.7							7.7	7.2
W	1.1	7.3	4.0	1.1							14.2	6.3
WNW	.7	1.5	3.6		.4						6.2	7.6
NW	1.1	2.9	1.8	.7							6.6	6.6
NNW	.4	1.5	.4								2.2	5.3
VARIABLE												
CALM	////////////////////										4.7	////
TOTALS	13.5	46.0	26.3	8.8	.7						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 274

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLARLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 79-87
MONTH: FEB HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.5	1.1	.2								2.0	4.2
NNE	.4	.9	.2								1.5	4.6
NE	.6	1.1	.4	.2							2.3	5.4
ENE	.6	1.7	.2	.3							2.2	5.3
E	1.1	2.5	1.0	.3							5.0	5.3
ESE	1.7	4.0	1.6	.6							7.8	5.5
SE	1.9	8.6	2.5	.6	.1						13.6	5.6
SSE	1.4	2.8	1.4	1.2	.0						6.9	6.6
S	.7	2.6	2.2	1.0							6.4	7.2
SSW	.7	3.1	2.3	.6							6.8	6.9
SW	.4	2.3	1.5	1.1	.1						5.4	7.6
WSW	.4	2.7	3.6	.6							7.8	6.9
W	1.4	5.3	3.9	1.0	.0						11.6	6.6
WNW	.4	2.2	2.0	.8	.1						5.9	7.5
NW	1.0	2.2	1.6	.7							5.5	6.6
NNW	.5	1.7	.7	.6	.0						3.4	7.0
VARIABLE												
CALM	////////////////////										5.8	////
TOTALS	14.5	44.2	25.3	9.8	.5						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 2176

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 79-87
MONTH: MAR HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	1.3	.3								2.3	4.0
NNE	.7	1.0	.3								2.0	4.7
NE	.3	1.0	.7								2.0	5.7
ENE	.3	1.7	1.0	.3							3.0	6.9
E	1.3	3.6	.3								5.2	4.5
ESE	1.6	7.2	.7								9.5	4.9
SE	1.3	7.9	3.0								12.1	5.5
SSE	2.0	4.9	2.6	.3							9.8	5.5
S	1.3	7.5	3.3	1.3							13.4	6.3
SSW	.7	3.6	2.0	.3							6.2	6.6
SW	2.0	1.0	2.3	.3							5.6	6.0
WSW	.7	3.6	2.0	.7							6.9	6.5
W	.7	3.0	2.3	.7							6.6	6.9
WNW	1.0	2.3	.3	.3							3.9	4.8
NW	1.0	1.6	.7	.3							3.3	5.0
NNW	.7	3.0	.7								4.3	4.9
VARIABLE												
CALM	////////////////////										3.9	////
TOTALS	15.7	53.8	22.0	4.6							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS: 305

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLAR OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS (LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	1.0									1.7	3.2
NNE		1.3	.3								1.7	6.0
NE	.3	2.0	1.0								3.3	5.8
ENE	.3	1.3	1.3	.3							3.3	7.0
E	1.0	2.6	.7								4.3	4.9
ESE	3.6	8.6	.7	.7							13.6	4.4
SE	2.3	9.9	3.6	.3							16.2	5.2
SSE	.3	4.3	2.6	.3							7.6	6.3
S		4.0	3.6	1.0							8.6	7.3
SSW	1.0	3.0	3.0	.7	.3						7.9	7.0
SW	.3	2.3	1.0	.3							4.0	6.5
WSW	.3	2.3	2.6	.3	.3						5.9	7.7
W	1.7	1.7	1.7								5.0	5.5
WNW	1.7	1.3	1.0	.7							4.6	5.9
NW	.3	2.3									2.6	5.0
NNW	.7	4.0	1.0								5.6	4.9
VARIABLE												
CALM	////////////////////////////////////										4.3	////
TOTALS	14.5	51.6	24.1	4.6	.7						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS: 303

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(IST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	1.0									1.3	4.0
NNE		.7									.7	5.0
NE	.3	.7	.3	.7							2.0	7.7
NNE		2.0	.7								2.6	5.5
E	1.3	2.6	1.0	.3							5.3	5.4
ESE	2.3	6.6	1.3	.3							10.6	4.8
SE	3.0	9.9	5.3								18.2	5.5
SSE	1.3	4.6	3.0	.3							9.3	5.9
S	.3	4.0	3.0	1.0							8.3	7.0
SSW		3.6	3.6	.7							7.9	7.5
SW	.3	2.6	1.0								4.0	6.0
WSW		3.0	1.7		.3						5.0	7.1
W	2.0	4.3	2.0	.3							8.6	5.5
WNW	.7	1.7	1.0	.7							4.0	6.8
NW	.7	2.3									3.0	4.4
NNW	.7	2.0	1.0	.3							4.0	5.7
VARIABLE												
CALM	////////////////////										5.3	////
TOTALS	12.2	51.7	24.8	4.6	.3						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS: 302

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS (LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.4	.4	.4									1.1	5.3
NNE		.4	.4									.7	7.0
NE	.4		.7	.7								1.8	8.8
NNE	.4	1.1	.4									1.8	4.4
E	.4	2.5	.4									3.2	5.6
ESE	2.9	5.4	.4	.4								9.0	4.5
SE	2.5	10.8	6.1	.7								20.2	6.0
SSE	1.1	4.3	1.4	.4								7.2	5.5
S	.7	4.0	4.0	.7								9.4	6.8
SSW	1.1	4.0	2.9	2.5								10.5	7.4
SW	.7	1.4	1.1	1.1	.4							4.7	8.4
WSW	1.1	2.9	1.1	.4								5.4	5.6
W	.7	5.1	2.5	.4								8.7	6.0
WNW	.7	1.4	.4	.7								3.2	6.4
NW	.7	.7	.4									1.8	4.8
NNW	.7	3.6	1.4	.7								6.5	6.3
VARIABLE													
CALM	////////////////////											4.7	////
TOTALS	14.4	48.0	23.8	8.7	.4							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 277

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLARLY OBSERVATION

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 79-87
MONTH: MAR HOURS: 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N			1.3	.3							1.7	9.2
NNE		.7	.7								1.3	6.5
NE		.7	.3	.3							1.0	9.0
ENE		.3	.7	.3							1.3	8.5
E		2.6	1.0	1.0							4.6	8.0
ESE		2.6	1.3								4.0	6.2
SE	1.3	9.3	5.3	.3							16.2	6.4
SSE	1.0	4.6	2.6	.3							8.6	6.0
S	.7	5.3	3.6	1.0							10.6	6.8
SSW	1.3	3.0	4.6	1.7							10.6	7.8
SW	1.3	1.0	1.7	.3							4.3	6.5
WSW	1.0	2.6	2.6	1.0	.7						7.9	7.8
W	1.0	6.6	2.6	.7							10.9	6.1
WNW	1.0	3.0	2.0	.3							6.3	5.6
NW	.7	1.3	1.7	1.0							4.6	8.1
NNW	.3	.7	1.7	.3							3.0	7.1
VARIABLE												
CALM	////////////////////										3.0	////
TOTALS	9.6	44.0	33.8	8.9	.7						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 302

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM FOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARHANGELSK USSR

PERIOD OF RECORD: 7P-87
MONTH: MAR HOURS(EST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N		.7	2.0									2.6	8.0
NNE		.7	.3	.3								1.3	9.0
NE			.3									.3	9.0
ENE		2.3		.3								2.6	8.8
E	.7	1.7	2.3	.3								4.6	7.7
ESE		1.7	.7	.3								2.6	6.8
SE	1.7	7.0	2.6	1.0								12.3	6.1
SSE	1.0	7.3	3.0	1.0								12.3	6.4
S	.7	3.3	4.6	.7								8.9	7.4
SSW	1.0	4.6	5.0	1.0		.3						11.9	7.7
SW	.3	2.0	1.0	.7								4.0	7.2
WSW	.7	2.3	3.3	1.3	.7							7.9	8.9
W	2.0	4.6	1.7	.3								8.6	5.2
WNW	.3	3.0	2.0	.3								5.6	6.5
NW	.7	5.0	1.7	1.0								8.3	6.5
NNW	.7	2.4	1.0									4.0	5.3
VARIABLE													
CALM	////////////////////											2.0	////
TOTALS	9.1	48.7	31.5	8.6	.7	.3						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 302

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLARLY OBSERVATIONS

STATION NUMBER: 22550C STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.3	2.0	.7								4.0	4.2
NNE	.3	1.7	.7								2.7	5.8
NE	.7	.3	.3								1.3	5.0
ENE	1.0	1.7	1.0								3.7	5.1
E		3.7	.7	.7							5.0	6.7
ESE	1.7	4.0	1.7	.3							7.7	5.2
SE	1.3	7.7	3.0	.3							12.3	5.6
SSE	.3	3.3	3.0	.3							7.0	6.9
S	.2	9.3	3.3	1.0							14.0	6.4
SSW	.2	3.3	2.3	.7							6.7	6.8
SW		2.3	1.0	.7							4.0	7.5
WSW		3.0	2.3	1.0							6.3	7.7
W	1.7	2.3	2.0	1.0							6.7	6.7
WNW	1.0	1.7	.7								3.3	4.8
NW	1.3	3.3	2.0	.3							7.0	5.8
NNW	2.0	3.0	.7								5.7	4.2
VARIABLE												
CALM	////////////////////////////////////										2.7	////
TOTALS	13.0	52.7	25.3	6.3							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 300

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOLRLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 79-87
MONTH: MAR HOURS(IST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.7	1.7	.3									2.6	4.3
NNE		1.0	1.0									2.0	7.3
NE		2.0		.3								2.3	5.7
ENE		2.3	.7									3.0	5.8
E	1.7	4.3	.3	.3								6.6	5.2
ESE	1.0	6.0	2.0									8.9	5.4
SE	.7	9.9	2.6	.3								13.6	5.7
SSE	.7	5.3	2.0	.7								8.6	6.2
S	1.7	6.6	3.3	.7								12.3	5.9
SSW	1.7	3.3	2.6	.3								7.9	5.9
SW	.3	2.6	1.7									4.6	6.0
WSW	.7	2.6	1.7	1.0								6.0	7.0
W	.7	5.0	2.6									8.3	5.7
WNW	.3	1.7	.7	.3								2.6	6.5
NW		2.0	.3	.3								2.6	6.8
NNW	.3	1.3	1.3	.3								3.3	6.6
VARIABLE													
CALM	////////////////////											4.6	////
TOTALS	10.1	57.3	23.2	4.6								100.0	5.6

TOTAL NUMBER OF OBSERVATIONS: 302

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLARLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS (LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.5	1.0	.6	.0							2.2	5.2
NNE	.1	.9	.5	.0							1.5	6.2
NE	.3	.8	.5	.3							1.8	6.5
ENE	.3	1.5	.7	.2							2.7	6.2
E	.8	3.0	.8	.3							4.9	5.9
ESE	1.6	5.3	1.1	.3							8.2	5.0
SE	1.8	9.0	3.9	.4							15.1	5.8
SSE	1.0	4.8	2.5	.5							8.8	6.1
S	.7	5.5	3.6	.9							10.7	6.7
SSW	.8	3.6	3.3	1.0	.0	.0					8.7	7.2
SW	.7	1.9	1.3	.4	.0						4.4	6.7
WSW	.5	2.8	2.2	.7	.3						6.4	7.4
W	1.3	4.1	2.2	.4							7.9	5.9
WNW	.8	2.0	1.0	.4							4.2	5.9
NW	.7	2.3	.8	.4							4.2	6.1
NNW	.7	2.5	1.1	.2							4.5	5.5
VARIABLE												
CALM	////////////////////										3.8	////
TOTALS	12.4	51.0	26.1	6.4	.3	.0					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 2393

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLARLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 7A-87
MONTH: APR HOURS (LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.7	5.5	2.1	1.4								9.6	6.4
NNE	.3	2.7	.3									3.4	4.8
NE	.7	4.8	.7	.3								6.5	5.7
ENE	.7	2.7	.7	.3								4.5	5.4
E	.7	2.7	1.0	.3								4.8	6.0
ESE	.7	7.2	1.7									9.6	5.3
SE	1.7	6.8	1.0									9.6	4.9
SSE	1.0	2.7	1.4									5.1	5.3
S	.3	4.8	.3	.3								5.8	5.3
SSW		1.4	1.0	1.0								3.4	6.2
SW	.3	2.1	1.4	.3								4.1	6.3
WSW	1.0	2.4	1.4	.3								5.1	5.6
W	2.4	5.1	1.4									8.9	4.7
WNW	.3	3.1	.3									3.8	4.5
NW	.7	2.4	.3	.3		.3						4.1	6.3
NNW	1.0	4.8	.3	.3								6.5	5.4
VARIABLE													
CALM	////////////////////											5.1	////
TOTALS	12.7	61.3	15.4	5.1		.3						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS: 292

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLARLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: APR HOURS (LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.7	3.8	1.0	.3								6.8	4.9
NNE	.3	2.1		.7								3.1	6.9
NE	.3	3.1	1.7									5.1	5.5
ENE	1.4	2.1	.7									4.1	4.3
E	1.0	4.1	1.4	.3								6.8	5.9
ESE	1.7	6.2	1.4									9.2	5.0
SE	2.4	7.6	.7	.3								11.0	4.6
SSE		3.8	.7									4.5	5.7
S	1.4	2.7	1.0									5.1	4.9
SSW	.3	2.4	1.0	.3								4.1	6.5
SW		1.7	1.4	.3								3.4	7.2
WSW	1.0	2.7	.7	.7								5.1	6.1
W	3.1	3.8	2.1									8.9	4.7
WNW		1.4	1.0									2.4	6.0
NW	.7	3.1	.7	.3		.3						5.1	6.9
NNW	2.1	4.1	2.7	.3								9.2	5.6
VARIABLE													
CALM	////////////////////											5.9	////
TOTALS	17.5	54.5	18.2	3.8		.3						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 292

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(IST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	2.7	1.0	.7							4.7	6.6
NNE	.3	4.1	.3	.3							5.1	5.5
NE	1.0	3.4	.7								5.1	4.9
ENE	.3	1.7	1.7								3.7	6.4
E	1.7	2.7	1.4								5.8	5.1
ESE	1.0	5.8	1.7	.3							8.8	5.3
SE	2.7	7.1	3.4								13.2	5.0
SSE	1.0	4.1	1.0								6.1	5.0
S	.7	2.0	1.0		.3						4.1	6.6
SSW		2.4	.7	.7							3.7	7.3
SW	.3	1.7	1.0	.3							3.4	6.8
WSW	1.0	2.0	2.0								5.1	5.7
W	1.7	4.1	1.7								7.5	4.7
WNW	.7	2.7	.3								3.7	5.1
NW	1.0	2.7	1.7	.7							6.1	6.4
NNW	1.0	4.7	1.4	.7							7.8	5.8
VARIABLE												
CALM	////////////////////										6.1	////
TOTALS	14.4	51.9	21.0	3.7	.3						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS: 295

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 2255UC STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: APR HOURS (LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.4	2.2	.7	1.5								4.8	7.4
NNE		.7	1.9	.7								3.3	5.1
NE	.4	2.2	3.0									5.6	6.5
ENE		1.1	.7									1.9	6.0
E		3.7	.7	.4								4.8	5.8
ESE	1.1	1.5	1.9	.7								5.2	6.9
SE		7.8	4.1	.4								12.3	6.5
ESF	.7	7.1	.4									8.2	4.7
S	2.2	3.7	1.9	.4								8.2	5.3
SSW	.7	2.6	.4	.4								4.1	5.6
SW	1.5	.4	1.9	.4								4.1	6.7
WSW	1.1	2.6	.7	.7								5.2	6.1
W	1.1	4.8	2.2	.7								9.3	5.9
WNW	1.5	4.1	.4	.4								6.7	4.7
NW	.7	2.7	1.9	.4								6.7	5.8
NNW	.4	3.0	2.6	1.9	.4							8.2	8.4
VARIABLE													
CALM	////////////////////											1.5	////
TOTALS	12.6	51.3	25.2	8.9	.4							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS: 269

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: APR HOURS (LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	1.4	3.0	.7							5.4	7.6
NNE		1.4	1.4								2.7	7.8
NE		.7	1.4	.7							2.7	9.0
ENE	.3	1.7	.3								2.4	5.4
E	.3	1.4	1.0	.7							3.4	7.8
ESE		.3	1.4	.7							2.4	9.7
SE	.3	3.0	4.4	1.0	.3						9.1	8.0
SSE	.7	3.0	2.7	.7							7.1	6.8
S	1.7	5.1	1.4	.3	.3						8.8	5.8
SSW	.3	2.0	1.7	.3							4.4	6.8
SW	1.0	1.7	1.4	.7	.3						5.1	7.7
WSW	.7	3.7	2.4	.3							7.1	6.7
W	1.7	0.1	1.7								3.5	5.1
WNW	1.0	4.7	2.4	2.0							10.1	7.4
NW		5.1	3.4	1.4	1.4						11.1	8.2
NNW	.3	2.4	4.1	1.7							8.4	8.5
VARIABLE												
CALM	////////////////////										.3	////
TOTALS	8.8	43.6	33.8	11.1	2.4						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 276

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOLRLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: APR HOURS: 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.7	1.7	3.4	.7								6.1	8.2
NNE		2.7	1.7	1.0	.3							5.8	8.3
NE	.3	1.0	1.0									2.4	6.0
NNE	.3	.7	.7									1.7	5.2
E		1.7	1.4	.3								3.4	8.0
ESE	.3	2.0	1.4	.3								4.1	7.0
SE		3.7	4.1	.3								8.1	7.0
SSE	.7	3.1	1.4	.3								5.1	6.2
S	1.0	4.1	1.0	1.0								7.1	6.0
SSW	.7	1.7	3.7	.3								6.4	7.3
SW		1.4	1.4	.3								3.1	7.6
WSW	.7	2.4	1.0	1.0								4.7	8.1
W	.7	5.1	2.4	1.0								8.8	6.6
WNW	.7	2.0	3.1	1.0			.3					6.8	8.9
W	.7	3.4	6.8	5.8	.3							16.6	9.6
WNW	1.0	2.7	4.1	1.0								8.8	7.2
VARIABLE													
CALM	////////////////////											1.0	////
TOTALS	5.9	39.7	38.3	14.6	.7		.7					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS: 295

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLARLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 74-87
MONTH: APR HOURS(EST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-66	
N	.3	2.4	2.1	1.0							5.8	7.5
NNE	.3	1.7	2.4	.3							4.7	7.1
NE		1.4	1.0								2.4	6.6
ENE		2.1		.3							2.4	6.3
E	.7	1.4	1.0	.7							3.8	7.1
ESE	.7	2.1	1.7								4.5	6.8
SE	1.0	6.5	2.4	.3							10.2	6.7
SSE	.3	2.1	.7	.7							3.8	6.9
S	1.0	4.1	1.0								6.2	6.0
SSW	.3	1.4	2.1	1.4							5.2	6.0
SW	.7		.3	.3	.3						1.6	10.8
WSW	1.0	1.7	.3	1.0							4.0	6.5
W	.7	3.4	1.0	.3		.3					5.7	6.3
WNW	1.0	3.1	1.7								5.8	5.5
NW	1.7	7.9	8.2	2.4	.3						20.5	7.5
NNW	1.0	4.5	2.4	2.7							10.7	7.8
VARIABLE												
CALM											2.7	////
TOTALS	10.7	45.7	28.5	11.7	.7	.3					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 291

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(EST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	5.1	1.7	1.0							8.2	6.9
NNE	.7	3.1	1.0	.3							5.1	6.0
NE	1.0	3.1	.7								4.8	4.7
NNE	.2	3.4	.7								4.4	4.8
E	.3	3.1	1.4								4.8	5.7
ESE	1.0	4.4	1.7	.3							7.5	5.5
SE	.7	6.8	.7	.3							8.5	5.6
SSE	.7	4.1	.3	.3							5.5	5.1
S	.7	3.4	1.0								4.9	5.2
SSW	.7	2.4	2.0	.3							5.5	6.3
SW	1.0	.7	1.0								2.7	5.0
WSW	.3	3.4	1.4	.3							5.5	6.1
W	1.4	3.4	.3								5.1	4.7
WNW	.7	4.8	.7								5.5	5.0
W	.7	6.1	1.7	.3							8.9	5.5
WNW		6.1	1.7	.7							8.5	6.0
VARIABLE												
CALM	////////////////////										4.8	////
TOTALS	9.9	63.5	17.7	4.1							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS: 293

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 7P-87
MONTH: APR HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.6	3.1	1.9	.9							6.5	6.9
NNE	.3	2.3	1.1	.4	.0						4.2	6.9
NE	.5	2.5	1.2	.1							4.3	5.9
ENE	.4	1.9	.7	.1							3.1	5.4
E	.6	2.6	1.2	.3							4.7	6.2
ESE	.8	3.7	1.6	.3							6.4	5.9
SE	1.1	6.2	2.6	.3	.0						10.2	5.8
SSE	.6	3.7	1.1	.3							5.6	5.7
S	1.1	3.7	1.1	.3	.1						6.2	5.5
SSW	.4	2.0	1.6	.6							4.6	7.0
SW	.6	1.2	1.2	.3	.1						3.4	7.0
WSW	.8	2.6	1.2	.6							5.3	6.4
W	1.0	4.5	1.6	.3		.0					8.0	5.4
WNW	.7	3.2	1.2	.4			.0				5.6	6.2
NW	.7	4.7	3.1	1.5	.3	.1					9.9	7.5
NNW	.0	4.0	2.4	1.2	.0						8.5	6.9
VARIABLE												
CALM	////////////////////										3.4	////
TOTALS	11.5	51.6	24.8	7.9	.6	.1	.0				100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 2723

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLARLY OBSERVATIONS

STATION NUMBER: 225507 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.3	5.2	1.0	.3							7.9	5.3
NNE	1.3	4.3	.7	.3							6.6	5.0
NE		3.3	1.3								4.6	6.1
ENE	.7	3.9	1.3								5.9	5.2
E	1.0	6.6	1.0	.3							8.9	5.0
ESE		7.2	1.0								8.2	5.2
SF	1.0	6.6	1.6								9.5	5.4
SSE	1.0	2.0	2.0								4.9	5.7
S	1.0	2.6	.3								3.9	4.2
SSW	.7	1.0	1.6	.3							3.6	6.5
SW		2.0	.3	.3							2.6	6.5
WSW	1.0	2.3	.7								3.9	5.0
W	1.6	3.9									5.6	4.0
WNW	.7	1.6	.7	1.6	.3						4.9	8.7
NW	1.6	5.6	.7	.3							8.2	4.8
NNW	.7	3.9	.7	.3							5.6	5.4
VARIABLE												
CALM	////////////////////////////////////										5.2	////
TOTALS	13.4	62.3	14.8	3.9	.3						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 305

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(IST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.3	3.0	1.7								6.9	4.6
NNE	2.0	5.0	2.0								8.9	5.0
NE	1.0	2.6	1.0								4.6	4.7
ENE	1.0	3.3	.7								5.0	4.9
E	2.0	5.9	.7								8.6	4.5
ESE	.7	6.3	2.6								9.6	5.7
SE	1.7	9.6	1.0	1.0							13.2	5.4
SSE	.3	3.0	.3								3.6	4.5
S	.7	1.3	.7								2.6	5.0
SSW	.7	2.0	1.3	.3							4.3	5.8
SW	1.0	1.7									2.6	4.0
WSW	.3	.7	1.7	.3							3.0	4.0
W	.7	2.0	.7	.3							3.6	5.8
WNW	1.7	1.3	1.7	1.0	.3						5.6	7.7
NW	.7	2.3		.3							3.3	5.2
NNW	.7	3.3	1.7	.3							5.9	5.8
VARIABLE												
CALM	////////////////////										8.6	////
TOTALS	16.8	53.1	17.5	3.6	.3						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS: 303

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLARLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(IST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.0	3.3	2.3	.7							7.4	5.9
NNE	.3	2.7	2.0								5.0	6.3
NE	2.3	2.7	2.0								7.0	5.0
ENE	1.3	5.7	.3								7.4	4.6
E	1.0	4.0	1.3								6.4	5.1
ESE	1.7	4.7	1.3								7.7	5.0
SE	2.7	6.0	4.3	.3							15.4	5.4
SSE	1.3	3.7	1.3								6.4	5.1
S	3.0	1.7	.7								5.4	3.8
SSW	.7	1.0	1.3								3.0	5.6
SW	.7	1.7	.7								3.0	5.1
WSW	.3	1.7	.3	.3							2.3	6.0
W	2.3	2.3	2.0	.3							7.0	5.2
WNW		1.3	1.7	.7							3.7	8.0
NW	.3	1.3	1.3	1.0	.3						4.3	9.0
NNW		.7	1.7	.3							2.7	8.3
VARIABLE												
CALM	////////////////////										6.0	////
TOTALS	19.1	46.2	24.7	3.7	.3						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS: 299

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		3.0	1.3	.3							4.7	6.7
NNE		2.7	2.7	.3							5.6	7.3
NE	.7	3.7	1.3								5.6	5.9
ENE	.3	2.3	1.3								4.0	5.8
E	.3	3.3	2.0	.3							6.0	6.8
ESE	.3	3.3	1.3	.3							5.3	6.4
SE	.3	7.0	4.7	1.0							13.0	6.7
SSE	.3	5.0	.7								6.0	5.3
S	.7	3.7	1.3								5.6	5.2
SSW	2.3	2.3	1.0	.3							6.0	4.6
SW	.7	.7	1.3	.3							3.0	6.9
WSW	.7	1.7	1.7	.7							4.3	6.8
W	2.7	4.7	2.0	.7							10.0	5.3
WNW	.3	2.3	3.0	1.3							7.0	8.1
NW		2.7	1.3	1.0	.7						5.3	8.4
NNW	.7	2.3	3.0	1.0							7.0	7.1
VARIABLE												
CALM	////////////////////										1.7	////
TOTALS	10.7	50.2	29.9	7.6	.3						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS: 701

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLARLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N		3.6	2.3									5.9	6.6
NNE		3.6	2.3	.3								6.2	7.2
NE		2.0	1.6									3.6	6.7
ENE	.3	1.3	1.0	.3								3.0	6.9
E		3.0	1.3	.7								4.9	6.8
ESE		1.6	1.6	.7								3.9	7.7
SE	.7	3.3	4.9	.3								9.2	7.0
SSE		4.6	2.3	.3								7.2	6.7
S	1.7	3.0	3.0	1.3								8.5	6.6
SSW	.3	2.0	1.3	1.6								5.2	8.4
SW		1.3	.3									1.6	6.8
WSW	.7	2.0	1.3	1.0								4.9	7.7
W	1.2	4.6	3.0	.7								9.5	6.2
WNW	.7	3.9	4.3	1.6								10.5	7.8
NW		2.3	2.3	3.0	.3							7.9	9.4
NNW	.3	2.6	3.3	1.3	.3							7.9	8.5
VARIABLE													
CALM	////////////////////												////
TOTALS	5.6	44.6	36.1	13.1	.7							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS: 305

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLARLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 7A-87
MONTH: MAY HOURS (LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.0	3.3	3.6	.7								8.6	6.8
NNE		1.7	1.3									3.0	7.1
NE		1.7	1.7	.7								3.6	8.2
ENE		1.7		.7								2.3	7.4
E	.7	2.3	1.0									4.0	5.7
ESE		1.7	1.7									3.3	7.0
SE		3.6	4.3	.7								9.6	7.6
SSE	.7	2.3	3.0									5.6	6.6
S	.3	1.7	1.7	1.0	.3							5.0	8.3
SSW	1.0	2.3	2.6	.7	.3							6.9	7.5
SW	.3	1.3	1.0	1.0								3.6	8.0
WSW		2.3	1.3	.7								4.3	7.2
W	.3	3.0	3.6	2.0								8.9	8.4
WNW	1.0	2.0	3.3	1.0	.3							7.6	8.2
NW		5.6	5.9	3.3	.3							15.2	8.4
NNW	.3	3.6	3.0	1.7	.3							8.9	8.3
VARIABLE													
CALM	////////////////////											.7	////
TOTALS	5.3	39.6	38.9	17.9	1.7							100.0	7.7

TOTAL NUMBER OF OBSERVATIONS: 303

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(IST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.0	3.7	2.3								7.0	5.9
NNE		2.7	2.7								5.4	6.9
NE		3.0	1.7								4.7	6.4
ENE		1.0	.7								1.7	6.0
E	.3	2.3	2.0	.3							5.0	6.7
ESE	.3	2.7	.3								3.3	5.4
SE	.7	3.7	2.7	.7							7.7	6.7
SSE	.7	4.3	1.3								6.4	5.1
S	1.0	2.7	1.7	1.0							6.4	6.5
SSW	.3	.7	1.7	.3							2.7	8.3
SW		.7	1.7	.7							3.0	8.4
WSW	.3	1.0	1.7	.7							3.7	8.4
W	.7	3.7	2.0	.3							6.7	5.9
WNW		4.7	3.3	.7	.3						9.0	7.2
NW	.7	5.0	5.0	2.7							13.4	8.1
NNW	.3	5.0	5.7	2.0							13.0	7.8
VARIABLE												
CALM	////////////////////										1.0	////
TOTALS	6.4	46.8	36.1	9.4	.3						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 299

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(IST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	0.0	4.6	1.0	.3							7.8	4.7
NNE	1.7	3.9	2.3								7.5	5.5
NE	1.0	3.3	1.3	.3							5.9	5.4
ENE	1.0	3.6		.3							4.9	5.1
E	1.0	7.2	.7		.3						9.1	5.0
ESE	1.0	4.2	1.0								6.2	4.8
SE	1.6	3.9	1.0	.7							6.8	5.0
SSE	1.0	2.3	1.6								4.9	5.6
S	.3	2.3		.3							2.9	5.6
SSW	.3	.3	.3								1.0	5.3
SW		1.6	1.0	.3							2.9	6.2
WSW	1.0	2.0	.3	.3							3.6	4.9
W	1.6	2.6	1.6								5.9	5.3
WNW		3.9	2.3	.7							6.8	7.2
NW	2.0	4.2	3.3	.7	.3						10.4	6.6
NNW	1.7	6.8	1.3	.7							10.1	5.3
VARIABLE												
CALM	////////////////////										3.3	////
TOTALS	16.1	50.7	18.9	4.2	.7						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS: 307

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 79-87
MONTH: MAY HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.1	3.7	1.9	.3							7.0	5.7
NNE	.6	2.3	2.0	.1							6.0	6.1
NE	.6	1.7	1.5	.1							5.0	5.9
NNE	.6	2.4	.7	.2							4.9	5.4
E	.8	4.7	1.2	.2	.0						6.6	5.5
ESE	.5	4.0	1.4	.1							5.9	5.7
SE	1.1	5.7	3.1	.5							10.4	6.1
SSE	.5	3.4	1.6	.0							5.6	5.6
S	1.0	2.4	1.2	.5	.0						5.0	5.8
SSW	.8	1.4	1.4	.5	.0						4.1	6.6
SW	.7	1.4	.8	.3							2.8	6.6
WSW	.5	1.6	1.1	.5							3.8	6.8
W	1.4	3.3	1.9	.5							7.1	5.9
WNW	.7	2.6	2.5	1.1	.2						6.9	7.8
NW	.7	3.6	2.5	1.5	.2						8.5	7.6
NNW	.5	3.6	2.5	.9	.1						7.6	7.1
VARIABLE												
CALM	////////////////////										3.3	////
TOTALS	11.6	50.0	27.1	7.4	.6						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 2422

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-15	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.4	7.0	1.4	.7								11.9	5.1
NNE	1.0	3.4	1.0	.3								5.8	5.3
NE	.7	3.8	.7	.3								5.1	5.5
ENE	1.0	5.5	1.4									7.5	5.1
E	1.0	3.1	2.7									6.8	5.7
ESE	.7	6.6	1.0	.3								10.6	5.1
SE	1.4	1.7										3.1	3.8
SSE	.7	4.4	1.4									6.5	5.5
S	1.0	2.7										3.8	4.2
SSW	.7	1.7	1.0	.3								3.4	5.8
SW	.7	1.7	.7	.3								3.4	6.0
WSW	1.0	1.4	.7	.3								3.4	5.4
W	2.0	3.8	.3									6.1	4.1
WNW	.3	1.7	.7									2.7	5.5
NW	1.7	2.0	.3		.3							4.4	5.0
NNW	1.7	4.1	1.4	1.4								8.5	5.9
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	6.5	//////
TOTALS	17.4	57.0	14.7	4.1	.3							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS: 243

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS (LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.7	7.9	1.7	.3	.3							13.0	5.1
NNE	1.0	3.1	.7	.3								5.1	5.5
NE	.7	3.1	.3									4.1	5.0
NNE	1.4	4.6	1.4									7.5	4.9
E	2.1	4.8	1.4									8.2	4.8
ESE	2.4	6.2	1.7	.3								10.6	5.0
SE	1.0	4.1	1.0									6.2	5.3
SSE	.7	2.1	1.4									4.1	5.5
S	1.4	2.7	.3									4.5	4.3
SSW	1.4	2.1	1.0									4.5	4.6
SW	1.4	1.7	.3									3.4	4.2
WSW	1.0	1.7	1.7									4.5	5.8
W	1.7	4.5	.7									6.8	4.7
WNW	.3	1.0										1.4	3.5
NW	1.4	1.7	.3	.7								4.1	5.7
NNW	.7	2.7	1.7	.3								5.5	6.4
VARIABLE													
CALM	////////////////////											6.5	////
TOTALS	21.2	54.1	15.8	2.1	.3							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS: 292

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOLRLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 79-87
MONTH: JUN HOURS(EST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	7.5	2.0	.7							10.4	6.3
NNE	2.0	2.7	.7	.3							5.4	4.8
NE	2.0	3.1	1.4								6.5	4.7
ENE	1.7	3.7									5.4	3.6
E	.7	4.4	2.0								7.1	5.0
ESE	2.0	4.8	1.7								6.5	4.6
SE	1.7	6.8	2.0								9.9	5.5
SSE	2.0	4.8	1.0	.3							8.2	4.7
S	1.7	3.4	.7								5.1	4.5
SSW	.3	2.4	.7								3.4	5.6
SW	.7	2.0	1.0								3.7	6.0
WSW	1.4	1.0	1.0								3.4	4.8
W	.7	3.7	.7								5.1	4.7
WNW	.7	2.0	1.4								3.7	6.0
NW	1.7	.7	.7	1.4	.3						4.1	8.9
NNW		2.4	1.0	.7							4.1	8.2
VARIABLE												
CALM	////////////////////										5.4	////
TOTALS	17.2	55.4	18.0	2.4	.3						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS: 294

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(IST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	3.1	1.4	1.0	.3						6.5	7.4
NNE		2.4	3.4								5.8	7.4
NE		1.7	1.7								3.4	7.0
ENE	.7	2.1	1.0	.3							5.1	6.1
E	.3	2.7	1.0	.3							4.5	6.2
ESE	.3	2.4	2.1	1.0							5.8	7.2
SE	1.0	7.2	2.1	.3							10.6	6.7
SSE	1.4	2.4	.7								4.5	4.5
S	2.1	4.1	2.4	1.7							10.3	6.5
SSW	.7	4.1	2.7	.3							7.9	6.3
SW	1.0	1.4	.7	.3							3.4	5.8
WSW	.3	1.4	.3	.3							2.4	6.0
W	1.4	3.1	2.4								6.8	5.5
WNW		3.8	1.7		.3						5.8	6.6
NW	1.0	2.4	4.1	1.0							8.6	7.5
NNW	.7	2.1	2.7	1.4							6.8	7.9
VARIABLE												
CALM	////////////////////										1.7	////
TOTALS	11.6	47.3	30.5	6.2	.7						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 292

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLARLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 7A-87
MONTH: JUN HOURS(IST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.1	3.0	1.0	.7	.3						5.4	7.6
NNE		2.0	1.0	.7							3.7	7.1
NE		.3	1.0								1.3	8.0
ENE	.1	2.7	.3								3.4	4.9
E		2.0	3.0	1.0							6.1	8.6
ESE	.7	2.4	2.0	.7							5.4	7.1
SE		3.7	3.7	.3							7.7	7.6
SSE	.1	1.7	1.7	.3							4.0	7.0
S	.7	3.7	3.0	1.0							8.4	6.8
SSW	.1	1.7	1.7	.7							4.4	7.4
SW		1.7	2.7	.7							5.1	8.4
WSW	.7	1.7	2.0								4.4	6.8
W	2.7	4.0	1.3	.3							8.4	4.9
WNW	.7	3.7	4.7	2.0	.3						11.4	6.3
NW	.1	2.4	4.7	2.4							9.8	9.0
NNW		6.4	2.7	1.0	.3						10.4	7.1
VARIABLE												
CALM	////////////////////										.7	////
TOTALS	6.7	42.1	36.7	11.8	1.0						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS: 297

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(IST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.2	4.1	2.7	1.0								8.1	7.2
NNE	.3	1.0	1.4	.7								3.4	8.2
NE		2.4	.3	.7								3.4	6.8
NNE		1.4	1.0	.3								2.7	7.3
E		2.0	2.4	1.0								5.4	8.0
ESE	.2	3.0	1.7	1.4								6.4	7.2
SE		2.7	3.4	.3								6.4	7.6
ESE	.2	3.7	1.7									5.7	5.9
S	.3	2.7	1.7									4.7	6.1
SSW	.7	2.0	1.0	1.0								4.7	7.1
SW		2.7	1.0	.7								4.4	7.1
WSW	.7	2.0	1.0	.3								3.7	6.5
W	.7	2.4	.3	.3								3.7	5.5
WNW	.7	4.4	5.1	2.0								12.2	7.9
NW	1.0	4.7	4.4	3.7								13.9	8.4
NNW		1.7	6.1	2.4	.3							10.5	9.4
VARIABLE													
CALM	////////////////////											.7	////
TOTALS	5.1	42.9	35.1	15.9	.3							100.0	7.5

TOTAL NUMBER OF OBSERVATIONS: 296

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLARLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS (LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.4	3.6	4.1	.7	.3							10.3	7.2
NNE	.3	1.7	1.7	.7								4.5	7.7
NE	.7	1.0	1.0									2.8	6.0
ENE	.3	2.1	1.0									3.4	6.2
E	.3	2.1	2.1									4.5	6.6
ESE	.2	1.7	1.0	.3								3.4	6.6
SE	.7	4.5	1.7									6.9	5.7
SSE	.3	6.2	1.0									7.6	5.2
S	1.7	2.9										4.5	3.7
SSW	1.4	2.1	1.4									4.8	5.3
SW	.3	.7	.7	.3	.3							2.4	9.0
WSW	1.0	1.0	.3	1.0								3.4	6.6
W	.3	1.4	.7	.3								2.9	6.8
WNW	.3	2.4	2.1	1.7								6.6	8.1
NW	.7	5.9	6.9	2.4	.3							15.9	8.3
NNW	.3	5.2	7.2	1.7								14.5	7.8
VARIABLE													
CALM	////////////////////////////////////											1.7	////
TOTALS	10.3	44.5	33.1	9.3	1.0							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 290

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(IST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 56	TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			
N	2.4	7.5	1.7	.3								11.9	5.0
NNE	1.0	4.1	1.0									6.1	5.0
NE	.3	3.1	.3	.7								4.4	6.5
ENE	1.4	5.1	.3	.3								7.1	4.9
E	.7	4.7	1.0									6.1	5.6
ESE	1.0	5.4	.3									6.8	4.1
SE	.7	3.7	.7									5.1	4.8
SSE	1.4	1.7	.7									3.7	4.5
S	1.0	3.4	1.0									5.4	4.9
SSW	.7	1.0	.3	.3								2.4	5.4
SW		1.7	.3	.3								2.4	6.9
WSW	.7	2.4	.3									3.4	4.2
W	1.4	3.1	.7		.3							5.4	5.7
WNW	.7	3.1	1.4	.3								5.4	6.1
NW	1.4	5.4	3.1									9.8	5.5
NNW	.7	6.4	3.1	.3								10.5	6.1
VARIABLE													
CALM	////////////////////											4.1	////
TOTALS	14.5	61.7	16.3	2.7	.3							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 295

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(IST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.2	5.5	2.0	.7	.2						9.7	6.1
NNE	.7	2.6	1.4	.4							5.0	6.2
NE	.5	2.3	.9	.2							3.9	5.9
ENE	.9	3.1	.8	.1							5.3	5.2
E	.6	3.2	2.0	.3							6.1	6.3
ESE	.9	4.3	1.4	.5							7.2	5.6
SE	.7	4.3	1.8	.1							7.0	5.9
SSE	.9	3.4	1.2	.1							5.5	5.3
S	1.1	3.2	1.1	.3							5.8	5.5
SSW	.7	2.1	1.2	.3							4.4	6.0
SW	.5	1.7	.9	.3	.0						3.5	6.7
WSW	.5	1.6	.9	.3							3.6	5.8
W	1.4	3.2	.9	.1	.0						5.7	5.1
WNW	.4	2.8	2.1	.8	.1						6.2	7.3
NW	1.0	3.2	3.1	1.4	.1						8.8	7.6
NNW	.1	3.9	3.2	1.1	.1						8.9	7.4
VARIABLE												
CALM	////////////////////										3.4	////
TOTALS	13.1	50.7	25.0	7.2	.6						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 2349

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLARLY OBSERVATIONS

STATION NUMBER: 2255GC STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS (LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.3	5.6	1.6									13.5	4.8
NNE	2.3	8.9	2.3									13.5	4.9
NE	1.3	5.6	.7									7.6	4.8
ENE	1.0	3.9	.7									5.6	4.5
E	1.6	5.6	.7	.3								8.2	5.0
ESE	.7	3.9	.7	.3								5.3	5.3
SE	.7	5.3	1.0									6.9	5.3
SSE	1.0	1.6	.7									3.3	4.4
S	1.3	1.3	.3									3.0	3.8
SSW	1.7	2.6	.3									4.3	4.3
SW	.7	1.6	.7									2.6	5.5
WSW		2.7										2.3	4.3
W	.3	3.6	.7									4.6	5.4
WNW	2.0	1.6	.3									3.9	3.8
NW	1.0	3.0	.7									4.6	4.4
NNW	1.0	4.3	.7									5.9	4.8
VARIABLE													
CALM	////////////////////											4.9	////
TOTALS	17.4	64.8	11.8	.7								100.0	4.6

TOTAL NUMBER OF OBSERVATIONS: 504

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 79-87
MONTH: JUL HOURS(IST): 0100-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.3	9.4	1.3			.3						13.4	5.1
NNE	1.0	8.1	1.3									10.4	5.0
NE	1.0	2.7	1.0									4.2	5.1
ENE	.7	3.3	.3	.7								4.9	5.5
E	1.6	7.5	1.0									10.1	4.6
ESE	1.6	6.5		.3								8.6	4.5
SE	.7	4.2	1.3									5.9	5.3
SSE	.7	3.3	.7									4.6	5.1
S	1.6	2.7										3.9	3.5
SSW		2.6										2.6	5.0
SW	1.0	2.0	.3									3.3	4.4
WSW	1.3	2.0	.7									3.9	4.3
W	1.0	2.0	.7									3.6	5.1
WNW	1.0	1.0	.3									2.3	4.9
NW	1.0	2.0	.7	.3								3.9	5.0
NNW	1.6	4.6	.7									6.8	4.4
VARIABLE													
CALM	////////////////////											7.8	////
TOTALS	17.6	62.9	10.1	1.3		.3						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS: 307

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLARLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.7	6.6	1.7	.7							12.6	5.5
NNE	2.7	5.0	2.0	.3							9.6	5.2
NE	.7	5.6	.7								7.0	5.0
ENE	2.7	1.7	1.0								4.6	4.6
E	2.6	3.0	.7								6.3	4.0
ESE	1.7	6.0	1.0	.3							8.9	5.2
SE	1.7	5.0	1.3								7.9	5.0
SSE	1.3	2.7	1.3								4.6	4.9
S	1.7	1.7	.7								3.0	4.7
SSW	1.7	2.6	.3								4.3	4.9
SW	1.7	1.7	.3								3.3	4.2
WSW	.7	3.7	.7								4.3	5.1
W		2.3	1.0								4.3	5.5
WNW	1.7	2.0	.7								4.0	4.8
NW	1.7	1.0		.3							2.3	4.3
NNW	1.0	3.3	1.7								6.0	5.2
VARIABLE												
CALM	////////////////////										7.0	////
TOTALS	21.5	55.0	14.9	1.7							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS: 302

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLARLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.7	5.6	2.0									8.2	6.0
NNE	.7	6.6	2.6	.3								9.8	6.1
NE	.7	2.0	1.3									3.9	5.7
ENE	1.0	1.7	1.3									3.6	5.6
E	1.0	2.6	1.0									4.6	5.0
ESE	1.7	3.0	.7									4.9	4.5
SE	.7	4.9	3.0	.7								8.9	6.8
SSE	1.3	4.9	2.0	.3								8.5	5.5
S	1.0	2.7	.7									4.9	4.7
SSW	1.0	2.0	.7									4.3	4.5
SW	.7	1.7	1.6	.7								4.3	7.1
WSW	1.7	2.0	.3									3.6	4.0
W	3.0	4.7	2.0	.3								9.5	5.0
WNW	.7	3.0	1.0	.3								4.6	5.9
NW	1.7	2.0	1.6	.3								5.2	6.0
NNW	1.0	4.6	2.3	.3								8.9	5.6
VARIABLE													
CALM	////////////////////											2.3	////
TOTALS	17.4	53.1	23.9	3.3								100.0	5.5

TOTAL NUMBER OF OBSERVATIONS: 305

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(1511): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	6.0	3.3								10.9	5.8
NNE	.7	2.0	2.3	1.0							6.6	7.2
NE		3.0	1.0	.3							4.3	6.9
ENE	.2	.7	1.0								2.0	7.0
E	.4	1.3	1.0	.3							3.0	6.7
ESE	.3	2.7	1.7	.3							4.6	6.6
SE	1.0	4.7	2.3	.7							8.3	6.4
SSE	.2	2.3	2.3	.3							5.3	6.9
S	.7	3.0	2.0	.3							5.9	6.0
SSW	.7	3.0	1.7	.3							5.6	5.8
SW	.7	2.0	.7	.3							3.6	5.8
WSW	1.0	1.0	.7								2.6	4.5
W	1.3	6.6	2.0	.3							10.2	5.5
WNW		3.6	3.6	1.0							8.3	7.7
NW	.7	4.7	2.6	.7							8.3	6.8
NNW	.7	4.7	4.0	1.0							9.9	7.3
VARIABLE												
CALM	////////////////////										.7	////
TOTALS	9.2	51.7	32.0	6.9							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 303

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLARLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 7A-87
MONTH: JUL HOURS(IST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	6.7	3.9	.3							11.1	6.2
NNF	.3	3.6	1.6	.3							5.9	6.7
NE	.7	1.6	1.3	.7							4.3	6.9
ENE		1.6	.7								2.3	6.3
E	.7	2.0	.7	.3							3.6	5.6
ESE		3.0	1.6								4.6	6.4
SE	.7	2.6	1.3	1.3							6.6	6.9
SSE	.3	3.6	1.0								4.9	5.9
S		3.6	1.6	.3							5.6	6.2
SSW		2.3	1.0								3.3	6.0
SW	.7	1.6	1.6								3.6	6.5
WSW	1.0	2.0	.3	.7							3.9	5.7
W	.7	4.9	2.0	.3							7.5	6.3
WNW	.7	3.9	3.0	.7							9.2	6.6
NW	.3	4.3	5.6	2.0							12.1	6.4
NNW	.7	4.6	5.2	1.0							11.5	7.4
VARIABLE												
CALM	////////////////////////////////////										1.0	////
TOTALS	6.2	52.5	32.5	7.9							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 325

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 74-87
MONTH: JUL HOURS(EST): 1900-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.7	0.7	3.6	.7								10.3	6.8
NNE	.7	4.6	2.3	.7								7.9	6.6
NE		3.0	1.3	.3								4.6	6.4
NNE	1.0	1.0	.7									2.6	4.8
E	.7	3.3	.7									4.3	5.1
ESE	.7	3.3	.7									4.7	5.4
SE	.7	4.3	2.0	.3								7.0	5.8
SSE	.7	2.0	1.0									3.6	5.1
S	.7	2.6	.7	.3								4.7	5.7
SSW	.3	3.0	1.7	.3								5.3	6.3
SW	.3	.7		.3								1.3	6.6
WSW	.3	.7	.7									1.3	6.0
W		3.0	1.3									4.3	5.8
WNW	.7	5.0	4.0	.7								10.3	6.6
W	.3	6.6	7.6	1.0								15.6	7.2
WNW	1.0	5.6	4.6									11.3	6.3
VARIABLE													
CALM	////////////////////											1.7	////
TOTALS	7.2	53.6	32.8	4.6								100.0	6.2

TOTAL NUMBER OF OBSERVATIONS: 302

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 79-87
MONTH: JUL HOURS(IST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	3.4	7.9	1.0								12.4	4.3
NNE	1.2	7.5	2.3								11.1	5.3
NE	1.6	4.2	1.6								7.5	4.9
ENE	.7	2.6	.3								3.6	4.5
E		5.6	.3								5.9	4.6
ESE	.7	4.0									5.6	4.5
SE	1.6	3.9	.3								5.9	4.7
SSE		2.0	.3								2.3	4.9
S	.7	2.9									3.6	4.2
SSW		1.6	.7								2.3	5.7
SW	.7	2.0									2.3	4.0
WSW	.7	2.7	.3								2.9	4.7
W	1.6	3.6									5.2	4.0
WNW	.7	2.7	1.6								4.6	5.3
NW	2.3	5.6	1.3								9.2	4.3
NNW	2.0	7.5	2.6	.3							12.4	5.4
VARIABLE												
CALM	////////////////////////////////////										3.3	////
TOTALS	17.3	66.7	12.7	.3							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS: 306

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM FOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS (LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.6	7.4	2.3	.2		.0						11.5	5.5
NNE	1.1	5.9	2.1	.3								9.4	5.7
NE	.7	3.4	1.1	.2								5.4	5.5
ENE	.8	2.0	.7	.1								3.7	5.2
E	1.0	3.9	.7	.1								5.8	4.9
ESE	.6	4.1	.8	.2								5.8	5.2
SE	.6	4.4	1.6	.4								7.1	5.8
SSE	.7	2.7	1.2	.1								4.6	5.5
S	.9	2.5	.7	.1								4.3	5.0
SSW	.7	2.5	.8	.1								4.0	5.3
SW	.6	1.6	.7	.2								3.0	5.6
WSW	.7	1.8	.5	.1								3.1	4.8
W	.9	3.0	1.2	.1								6.2	5.4
WNW	.6	2.8	1.8	.3								5.8	6.1
NW	1.0	3.6	2.5	.6								7.6	6.4
NNW	1.2	4.9	2.7	.3								9.1	6.0
VARIABLE													
CALM	////////////////////											3.6	////
TOTALS	14.3	57.4	21.3	3.3		.0						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS: 2434

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLARLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 7P-87
MONTH: AUG HOURS(1ST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.6	6.5	.7									9.8	4.3
NNE	1.3	6.5	1.0									8.8	5.0
NE	.7	5.6	.3	.3								6.9	5.0
ENE	1.0	1.6	.3	.7								3.6	6.0
E	1.2	3.6	.3									5.2	4.3
ESE	.7	4.9	.3									5.9	4.8
SE	1.6	4.2	1.3	.3								7.5	5.4
SSE	1.3	3.9	1.6									6.9	5.1
S	1.0	4.2	1.6	.3								7.2	5.9
SSW		3.3	.7									3.9	5.8
SW	.7	2.0	.7									3.3	5.0
WSW	1.3	1.0										2.3	3.1
W	2.0	2.3	1.3									5.6	4.6
WNW	2.3	2.3	.3	.3								5.2	4.3
NW	1.6	2.0		1.0								4.6	5.4
NNW	2.0	2.0	.7	.3								4.9	4.7
VARIABLE													
CALM	////////////////////											8.5	////
TOTALS	21.2	55.9	11.1	3.3								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 306

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS (LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	46-55	GE 56	
N	1.7	3.6	.7								5.6	4.4
NNE	1.3	2.0	1.3								4.6	4.9
NE	2.0	5.0	1.0								7.9	4.6
ENE		3.6	1.7	.3							5.6	6.4
E	1.0	6.0	.3								7.3	4.4
ESE	2.0	4.6	.3								7.0	4.0
SE	1.7	5.7	2.6								9.3	5.1
SSE	1.0	3.7	1.0								5.3	5.1
S	1.7	3.7	2.0								6.6	5.5
SSW	1.0	2.6	.7								4.3	5.4
SW	.3	1.7	.3								2.0	4.7
WSW	.7	3.0	.7	.3							4.6	5.4
W	1.7	5.0	.7								7.3	4.4
WNW	1.3	1.0									2.3	2.9
NW	1.7	3.6		1.0							6.3	4.8
NNW	1.7	3.6	1.0	.3							6.3	5.1
VARIABLE												
CALM	////////////////////										7.6	////
TOTALS	19.2	57.0	14.2	2.0							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 302

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLAR OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 79-87
MONTH: AUG HOURS(IST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.3	5.3	.3									8.0	4.1
NNE	2.0	3.7										5.7	3.5
NE		4.0	1.3									5.3	6.1
ENE	.7	4.0	.3	.7								5.7	6.0
E	1.3	3.7	1.3									6.3	4.7
ESE	4.0	5.3	1.7									11.0	4.2
SE	1.7	4.0	1.3	.3								7.3	5.1
SSE	1.0	5.7	1.3									8.0	5.1
S	.3	3.7	1.0									5.0	5.3
SSW	1.0	3.7	2.7	.3								7.7	5.9
SW	.3	1.0	.7									2.0	5.7
WSW	1.7	2.3	.3									4.0	4.7
W	1.7	4.3	.7									6.7	4.6
WNW	.3	.3	.7	.3								1.7	8.0
NW	1.3	1.3	1.0	.3								4.0	5.3
NNW	.3	2.7	2.0	.3								5.3	7.0
VARIABLE													
CALM	////////////////////											6.3	////
TOTALS	19.7	55.0	16.7	2.3								100.0	4.8

TOTAL NUMBER OF OBSERVATIONS: 100

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLARLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS (LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.2	3.3	1.6								7.2	4.9
NNE	.7	5.3	1.3								6.9	5.0
NE	.7	1.3	1.6								3.6	6.0
ENE	1.0	1.6	2.0	.3							4.9	6.3
E	2.0	3.3	.3	.3	.3						6.2	5.8
ESE	1.6	5.3	.7								7.6	5.0
SE	.7	5.9	3.0	.3							9.9	6.3
SSE	1.0	3.3	2.3								6.6	5.4
S	.7	3.6	.7								4.9	4.8
SSW	.3	2.0	1.3	.7							4.3	7.5
SW	.3	2.6	1.0	.7							4.6	6.7
WSW	.3	3.9	2.0	.3							6.6	6.4
W	2.0	4.6	1.3								7.9	4.9
WNW	1.0	3.3	1.6	.3							6.2	5.9
NW	.7	1.6	.7	1.0	.3						4.3	8.2
NNW	.7	2.6	2.3	1.0							6.6	7.5
VARIABLE		.7									.3	6.0
CALM	////////////////////										1.3	////
TOTALS	15.5	53.9	23.7	4.9	.7						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 304

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLARLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 7A-87
MONTH: AUG HOURS (LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.7	4.3	2.0	.7								7.6	6.4
NNE		2.7	.7	.3								4.3	5.7
NE	.7	2.7	.3	.3								4.0	5.0
ENE	.7	2.7	1.3									4.3	6.2
E	.7	2.7	1.7	1.0								5.6	7.4
ESE	1.0	2.7	2.0	.3								6.0	5.9
SE	.2	4.7	3.3	.7								9.0	6.7
SEF	1.0	4.3	1.7									7.0	5.2
S	.7	2.7	3.0	.3								6.6	6.6
SSW	1.0	1.3	1.3	.3								4.0	6.2
SW	.7	2.7	1.0	.3								4.7	6.0
WSW	.7	2.7	1.7	1.3								6.3	7.2
W	.7	3.3	.7	.7								5.0	6.0
WNW	.2	3.3	3.7	.7	.7							8.6	8.2
NW	.7	4.7	2.3	1.7								9.0	7.6
NNW	.7	3.0	2.3	1.7								7.6	7.9
VARIABLE													
CALM	////////////////////											.3	////
TOTALS	9.6	50.2	28.9	10.3	.7							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 101

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM PULCRY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	3.4	2.6								6.5	6.2
NNE		3.3	1.0								4.2	5.4
NE	.7	2.3	1.3	.7							4.9	6.5
ENE		2.0	2.3	.7							4.9	8.0
E	1.6	1.3	.7	.3							3.9	4.8
ESE	.3	2.6	1.6								4.6	6.0
SE	1.3	2.9	3.9	.3							8.5	6.3
SSE	.7	3.3	2.3								6.2	5.8
S		4.2	1.0								5.2	6.3
SSW	.3	2.9	2.0	.7							5.9	7.1
SW	.7	2.3	1.0	.3							4.2	6.2
WSW	.7	1.6	2.3	.7							5.2	7.3
W	.3	2.0	1.0	.7							3.9	7.0
WNW	1.3	2.0	3.6	2.3							9.2	8.3
NW		3.9	6.9	3.9							14.7	8.7
NNW	.7	2.0	3.6	.7							6.9	7.6
VARIABLE												
CALM	////////////////////										1.0	////
TOTALS	8.8	4.2	36.9	11.1							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 306

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLARLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(IST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	2.7	2.3								5.7	5.8
NNE	.7	4.7	1.3	.3							7.0	5.7
NE	2.0	2.0	1.3								5.4	4.9
ENE	.7	2.3	1.7								4.3	6.2
E	.7	2.0	1.0								3.7	5.6
ESE	2.7	3.0	.7								6.4	4.0
SE	.7	3.3	2.7								6.7	6.4
SSE	1.0	2.3	.7								4.0	5.2
S	.7	3.0	.3	.3							4.3	5.4
SSW	.3	1.7	1.7								3.7	6.7
SW	.7	2.3	1.0	.3							4.3	5.8
WSW		1.0	1.0	.3							2.3	7.4
W		2.7	1.3	.3							4.0	6.5
WNW	.3	2.7	4.0	.3							7.4	7.3
NW	1.0	5.0	5.4	2.0	.3						13.7	7.9
NNW	1.0	7.4	4.3	.7							13.4	6.4
VARIABLE												
CALM	////////////////////										3.7	////
TOTALS	12.7	47.4	37.8	4.7	.3						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 299

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POBRLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	3.0	3.9	.3									7.2	3.6
NNE	.3	6.6	1.6									8.5	4.9
NE	1.6	4.9	.3									6.9	4.0
NNE	.7	2.6	2.0	.3								5.6	6.1
E	1.6	3.0	.7									5.2	4.3
ESE	1.3	4.3	1.3									6.9	4.8
SE	.3	3.6	1.6									5.6	5.9
SSE	.7	4.6	1.0									6.2	4.9
S	1.0	2.3	1.0									4.3	5.2
SSW	.7	2.0	1.0									3.6	5.1
SW	.7	1.3	.7									2.6	5.0
WSW	.7	.7	.3									1.6	4.8
W		3.6	1.0	.3								4.9	5.7
WNW	1.0	3.6	1.0	.3								5.9	5.6
NW	1.6	6.6	2.0	.3								10.5	5.4
NNW	1.0	5.9	.7	1.0								8.5	5.5
VARIABLE													
CALM	////////////////////											5.9	////
TOTALS	16.1	59.3	16.4	2.3								100.0	4.7

TOTAL NUMBER OF OBSERVATIONS: 305

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLAR OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS (LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.7	4.7	1.3	.1							7.2	4.9
NNE	.3	4.3	1.0	.1							6.3	5.0
NE	1.0	3.5	.9	.2							5.6	5.1
ENE	.5	2.6	1.4	.4							4.9	6.4
E	1.2	3.2	.8	.2	.0						5.4	5.1
ESE	1.7	4.1	1.1	.0							6.9	4.7
SE	1.0	4.3	2.5	.2							8.0	5.9
SSE	.9	3.8	1.5								6.3	5.2
S	.7	3.4	1.3	.1							5.5	5.7
SSW	.6	2.4	1.4	.2							4.7	6.2
SW	.5	1.9	.8	.2							3.5	5.8
WSW	.7	2.0	1.0	.4							4.1	6.1
W	1.0	3.4	1.0	.2							5.7	5.3
WNW	1.0	2.3	1.9	.6	.1						5.9	6.7
NW	1.0	5.6	2.3	1.4	.1						8.4	7.1
NNW	.9	3.6	2.1	.7							7.4	6.5
VARIABLE	.0										.0	6.0
CALM	////////////////////										4.3	////
TOTALS	15.4	52.7	22.3	5.1	.2						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS: 2423

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLARLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS (LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.4	3.1	.7									5.2	4.7
NNE	2.7	3.1										5.8	3.1
NE	1.0	2.4										3.4	4.2
ENE	1.7	1.0	.3									3.1	3.3
E	2.4	3.4	.3									6.2	3.8
ESE	2.4	5.3	1.7									13.4	4.7
SE	.3	6.2	1.4									7.9	5.7
SSE	1.0	3.4	2.4									6.9	6.1
S	1.0	5.2	1.0									7.2	4.5
SSW	1.4	2.4	.7	.7								5.2	5.6
SW		3.8	1.0	.3								5.2	6.1
WSW	.3	4.1	1.7									6.2	6.0
W	1.7	2.7	2.1									6.5	5.5
WNW		.3	.7	.3								1.4	8.0
NW	.7	2.4	.7	.7								4.5	6.5
NNW	.3	3.4	1.7	.3								5.8	6.7
VARIABLE													
CALM	////////////////////											6.2	////
TOTALS	18.6	56.4	16.5	2.4								100.0	4.8

TOTAL NUMBER OF OBSERVATIONS: 291

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLARLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.4	4.8	.7								6.9	4.1
NNE	2.1	1.4	.3								3.8	3.3
NE	2.4	2.7									5.2	3.6
ENE	.7	1.0									1.7	3.6
E	2.7	4.5	.3								7.6	3.6
ESE	1.0	9.6	1.7								12.4	5.2
SE		6.9	2.4								9.3	5.9
SSE	.3	4.1	2.4	.7							7.6	6.6
S	1.4	3.8	.7	.3							5.8	4.5
SSW	1.0	3.1	1.7								5.8	5.3
SW	.3	1.4	3.1								4.8	6.9
WSW	1.7	1.4	3.4								6.5	5.8
W	1.0	2.4	.7	.3							4.5	5.4
WNW	.3	.3	.7								1.4	6.5
NW	.3	1.7	1.0	.3							3.4	7.0
NNW	2.1	3.1	2.1								7.2	5.1
VARIABLE												
CALM	////////////////////										6.2	////
TOTALS	18.9	52.2	21.0	1.7							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS: 291

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 7A-87
MONTH: SEP HOURS (LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.1	2.8	.3									5.2	4.0
NNE	1.7	2.1	.7									4.5	4.3
NE	1.4	1.0										2.4	3.1
NNE	1.0	1.4	.3									2.8	4.0
E	5.2	5.2	.3									10.8	3.7
ESE	.7	6.9	2.1									9.7	5.6
SE	1.0	6.5	2.4									10.4	5.5
SSE	.7	4.9	2.1									7.6	6.1
S	.7	3.5		.7								4.9	5.7
SSW	.3	4.9	1.7	.3								7.3	6.4
SW	.7	2.4	1.7									4.9	5.9
WSW	1.0	2.8	1.4									5.2	5.1
W	1.0	2.4	1.7									5.2	5.6
WNW	.7	.3	.3	.3								1.7	6.4
NW	.7		1.7	.3								2.8	8.0
NNW	1.7	5.2	1.0	.3								8.3	5.3
VARIABLE													
CALM	////////////////////											6.2	////
TOTALS	20.8	52.8	18.1	2.1								100.0	4.9

TOTAL NUMBER OF OBSERVATIONS: 288

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.0	3.4	.3								4.7	4.4
NNE	.7	4.1	.3								5.1	4.1
NE	.2	1.0	.3								1.7	4.4
ENE	1.4	2.4									3.7	3.8
E	1.0	2.0	1.7	.7							5.4	6.5
ESE	2.4	4.7	1.4	.3							8.8	4.4
SE	1.7	8.4	3.7	.7							14.5	5.1
SSE	1.4	3.7	1.0		.3						6.4	5.1
S	1.7	4.7	1.7	.3							7.4	5.1
SSW	1.0	3.0	1.0	.3							5.3	5.1
SW	.3	2.0	2.7	.3							5.3	5.1
WSW	.1	1.7	1.4								3.2	5.1
W	1.4	3.0	1.0	.3							5.7	5.1
WNW		1.4	.7	.7							3.8	5.1
NW	.7	1.7	1.7	.7							5.8	5.1
NNW	.7	2.7	2.0	1.7							7.1	5.1
VARIABLE												
CALM	////////////////////											
TOTALS	15.5	50.0	20.9	6.1	.1							

TOTAL NUMBER OF OBSERVATIONS: 276

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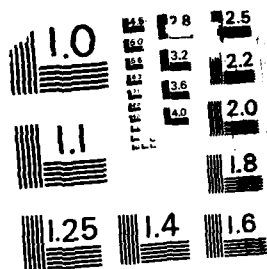
ARKHANGELSK USSR LIMITED SURFACE OBSERVATIONS CLIMATIC
SUMMARY (LISOS) PARTS A-F (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. JAN 88
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLARLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	2.8	.7	.3							4.2	6.2
NNE	1.0	1.4	.7								3.1	4.7
NE		1.7	.7								2.4	5.7
ENE	.3	.7	1.0								2.1	6.3
E	.3	2.6	.3								3.5	4.6
ESE	.3	4.5	2.4	.7							8.0	6.6
SE	.7	8.0	4.8	.7							14.2	6.4
SSE	1.4	3.1	2.8	.3							7.6	6.7
S	.7	3.8	2.4	1.4							8.3	7.0
SSW	.7	6.2	2.1	1.0							10.0	6.2
SW	.3	2.8	1.4	.7							5.2	6.8
WSW	.7	.7	1.0	.7							3.1	7.1
W	1.0	4.8	1.4	1.4							8.7	6.2
WNW	.3	2.8	2.1	.7							5.9	7.5
NW		2.4	4.2	1.0							7.6	6.4
NNW		1.4	1.0	1.0							3.5	8.2
VARIABLE												
CALM	////////////////////										2.8	////
TOTALS	8.3	49.8	29.1	10.0							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 289

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.4	2.7	1.0									5.1	4.9
NNE		1.4	.7									2.0	6.0
NE	1.0	1.4	.3									2.7	4.0
ENE	.3	2.4	.7									3.4	5.2
E	1.0	2.0	1.0									4.1	4.7
ESE	1.4	3.7	3.4	.3								8.8	6.4
SE	.7	6.5	3.1									12.2	5.6
SSE	1.0	2.4	2.7	1.4								7.5	7.3
S	1.7	5.4	1.7	.3								9.2	5.3
SSW	1.4	2.4	2.0	.7								6.5	6.1
SW	.7	2.0	.7	.3	.3							4.1	7.1
WSW	.7	1.7	.3	.3								3.1	5.3
W	1.7	2.0	2.7	1.4								7.8	7.1
WNW		2.7	3.1	1.7	.3							7.8	8.9
NW	.7	3.7	2.7	1.4								8.5	7.3
NNW		1.4	2.4	1.7								5.4	9.4
VARIABLE													
CALM	////////////////////											1.7	////
TOTALS	13.6	45.9	28.6	9.5	.7							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 294

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.1	3.5	.7	.3							6.6	4.6
NNE	1.4	2.4	.7								4.5	4.5
NE	1.0	1.7									2.7	3.3
ENE	1.0	2.4	.3								3.8	4.2
E	1.0	3.5	1.7								6.2	5.1
ESE		8.0	1.4	.3							9.7	5.6
SE	1.4	4.2	2.4	.3							8.3	5.7
SSE	.7	5.2	2.8	.7							9.3	6.3
S	1.0	4.8	2.4								8.3	5.8
SSW	.3	1.7	1.0	.3							3.5	6.6
SW		1.7	.7								2.4	5.7
WSW	.7	1.7	1.7	.3							4.5	6.8
W	.3	1.7	1.7	.7							4.5	7.1
WNW	.3	2.4	1.0	2.1							5.9	7.9
NW	1.0	3.8	2.8	.7							8.3	6.6
NNW	.7	4.8	1.0		.3						6.9	5.8
VARIABLE												
CALM	////////////////////										4.5	////
TOTALS	13.1	53.6	22.5	5.9	.3						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS: 289

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 22550C STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.0	3.7									4.7	4.0
NNE	1.7	5.0	.7								7.4	4.0
NE		3.7									3.7	4.5
ENE	1.0	1.3	.3								2.7	4.3
E	1.0	6.0	.7								7.7	4.4
ESE	2.0	8.1	2.3								12.4	5.0
SE	1.3	5.4	2.7	.3							9.7	5.7
SSE	1.3	3.0	2.7	.3							7.4	6.3
S	1.3	4.4	2.3	.3							8.4	5.6
SSW	1.0	3.0	.3	.3							4.7	5.0
SW	.7	2.3	2.0								5.0	6.3
WSW	.3	2.7	1.0	.3							4.0	6.0
W	1.3	2.7	.7								4.7	4.7
WNW	.3	1.0	1.3	.7							3.4	8.0
NW	1.0	2.7	2.0	.3							6.0	6.0
NNW	.3	2.7	1.7								4.7	6.0
VARIABLE												
CALM	////////////////////										3.4	////
TOTALS	15.8	57.4	20.8	2.7							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 298

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOLRLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS (LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.2	3.3	.6	.1							5.3	4.6
NNE	1.4	2.6	.5								4.5	4.1
NE	.9	2.0	.2								3.0	4.1
ENE	.9	1.6	.4								2.9	4.3
E	1.6	3.7	.8	.1							6.4	4.4
ESE	1.7	6.8	2.1	.2							10.4	5.4
SE	.9	6.2	2.9	.3							10.8	5.8
SSE	1.0	3.7	2.4	.4	.0						7.5	6.4
S	1.2	4.5	1.5	.4							7.6	5.5
SSW	.9	3.3	1.3	.5							6.0	5.9
SW	.4	2.7	1.7	.2	.0						4.6	6.5
WSW	.7	2.1	1.5	.2							4.5	5.9
W	1.2	2.7	1.5	.5							6.0	5.9
WNW	.3	1.4	1.2	.8	.0						3.8	7.9
NW	.6	2.7	2.1	.7							5.7	7.1
NNW	.7	3.1	1.6	.6	.0						6.1	6.6
VARIABLE												
CALM	////////////////////										4.8	////
TOTALS	15.6	52.3	22.2	5.1	.2						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS: 2336

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLARLY OBSERVATIONS

STATION NUMBER: 22550C STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.0	3.4		.3								5.7	4.1
NNE	.3	.7	1.0									2.0	6.7
NE		1.3	.3									1.7	6.0
NNE		2.0	.7									2.7	5.5
E	.3	3.4	1.0									4.7	5.6
ESE	.7	3.7	2.0	.3								6.7	5.8
SE	1.7	5.7	3.0	.7	.3							11.1	6.7
SSE	.7	4.0	4.0	1.0	.3							10.1	7.6
S		5.0	2.7	.7								6.4	7.7
SSW	.3	3.0	4.4	1.0								8.7	7.8
SW	.3	1.7	1.0	.7								3.7	6.9
WSW	1.7	4.4	3.4	.7								10.1	6.3
W	.7	1.7	2.0	.7	.3							5.0	7.9
WNW	.7	1.7	1.0		.3	.3						4.0	7.8
NW	.7	2.0	1.7	1.3								5.7	7.3
NNW	.7	4.0	1.0	.7								6.4	6.1
VARIABLE													
CALM	////////////////////											5.4	////
TOTALS	10.1	45.6	29.2	8.1	1.3	.3						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 298

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLARLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS (LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	2.0	.3								3.0	4.7
NNE	.7	.7	1.3								2.6	6.3
NE	2.0	2.0									3.9	3.7
ENE		2.0	1.0								3.0	6.0
E	1.3	3.0	.7								4.9	4.4
ESE	.7	3.9	2.0	.3							6.9	5.6
SE		4.6	3.3	.3	.3						8.6	7.3
SSE	.7	4.3	5.3	1.3	.3						11.8	7.9
S	.7	2.0	3.3	.7	.3						6.6	8.2
SSW	.7	5.3	3.0	1.0							9.9	6.7
SW	.7	3.3	1.0								4.9	5.7
WSW	1.0	1.3	3.3								5.6	6.7
W	.7	3.0	2.0	1.6	.7						7.9	8.4
WNW	.3		1.3	.3	.3						2.3	10.1
NW	1.0	2.3	.7	2.0	.3						6.2	8.3
NNW	.7	3.9	1.0	.7							6.2	6.1
VARIABLE												
CALM	////////////////////										5.6	////
TOTALS	11.2	43.4	29.3	8.2	2.3						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 304

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(IST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2	2.7	.3	.3							3.7	5.6
NNE	.3	1.3	.7	.3							2.7	6.5
NE	1.2	2.0	1.0								4.3	4.5
ENE	1.0	1.3	1.0								3.3	5.0
E	1.7	3.7	1.0								6.3	4.8
ESE	.3	3.7	.7								4.7	4.7
SE	1.2	5.0	2.3	1.0							9.6	6.3
SSE	.7	5.0	5.0	.7	.3						11.6	7.3
S	1.0	2.3	4.7	1.0							9.0	7.6
SSW	.3	3.3	3.0	.7	.3						7.6	7.6
SW	.3	3.0	1.7								5.0	6.0
WSW	.3	2.7	3.0	.7							6.6	7.1
W	1.0	1.3	2.3	1.0							5.6	7.3
WNW	.3	.7	.7	.7							2.3	8.0
NW		2.0	1.0	2.3		.3	.3				6.0	11.2
NNW	1.0	1.7	1.7	1.0							5.3	7.1
VARIABLE												
CALM	////////////////////////////////////										6.3	////
TOTALS	11.3	41.5	29.9	9.6	.7	.3	.3				100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 301

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.4	2.1	.7	.7								3.9	6.7
NNE	.7	1.8	.7	.4								3.5	5.8
NE	.4	2.1	.4									2.8	4.5
NNE	1.1	1.8	1.4									4.2	5.0
E	1.8	2.1	.7	.4								4.9	4.9
ESE	1.1	2.8	2.8	.4								7.1	6.5
SE	.7	4.2	3.9	.7	.4							9.9	7.1
SSE		3.9	2.8									6.7	6.7
S	1.1	7.4	5.3	1.4								15.2	7.1
SSW	.7	3.2	2.8	1.1	.4							8.1	8.0
SW		1.1	3.5	.4								4.9	8.1
WSW		2.1	2.1	.7								4.9	7.7
W	.7	1.1	2.8	.7								5.3	7.7
WNW	.7	1.1	1.4	.7			.4					4.2	8.8
NW		1.4	2.1	1.8								5.3	9.2
NNW	.4	2.8	1.8	.4								5.3	6.9
VARIABLE													
CALM	////////////////////////////////////										3.5	////	
TOTALS	9.5	41.0	35.3	9.5	.7		.4					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 263

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOLRLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(IST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.0	1.7	1.7	.3							4.4	6.3
NNE	1.0	1.3	1.3	.3							4.0	6.7
NE		.7	.7	.7							2.0	8.7
ENE		3.7	.3	.7							4.7	6.3
E	.3	2.3	.7	.3							3.7	6.4
ESE		3.4	2.0	.3							5.7	6.8
SE	.7	4.4	3.7	.7							9.4	6.9
SSE		3.4	3.4	.7							7.4	7.7
S	1.0	2.3	5.4	.3							9.1	7.0
SSW		3.7	3.4	2.7							9.7	8.7
SW	.3	2.3	1.7	1.0							5.4	7.5
WSW		3.4	3.4	.7							7.4	7.7
W	1.0	2.0	2.3	1.0	.3						6.7	7.6
WNW	1.0	2.3	1.3	1.3							6.0	7.4
NW	.3	2.3	3.4	1.0	.7	.3					9.1	9.1
NNW	.3	1.0	1.3	.7							3.4	7.6
VARIABLE												
CALM	////////////////////										3.0	////
TOTALS	7.7	39.9	35.9	12.8	1.0	.7					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 298

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POIRLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N		1.7	1.0									2.7	6.3
NNE	.7	1.7	.3	.7								3.3	6.4
NE		4.3	1.3	.3								6.0	6.0
ENE	.3	1.3										1.7	4.4
E	.7	.7	1.0	.7								3.0	7.1
ESE	.3	3.0	2.3	.3								6.3	7.0
SE	1.0	4.3	3.7	.3								9.3	6.5
SSE	1.0	3.0	3.7	1.0								8.6	7.3
S	.3	6.3	4.7	.7								12.0	7.1
SSW		5.3	2.7	1.7								9.6	7.9
SW	.3	2.7	1.3	.3	.3							5.0	6.9
WSW	.3	2.3	2.3	.7								5.6	7.8
W	.7	3.0	2.3	1.3								7.0	7.4
WNW		3.0	1.7	2.0								6.6	8.1
NW	.7	1.7	2.7	1.3	.3	.3						7.0	9.4
NNW		1.7	2.3	.7								4.7	7.9
VARIABLE													
CALM	////////////////////											2.0	////
TOTALS	6.0	45.0	33.2	12.0	.7	.3						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 301

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 22550C STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS (LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.7	2.7	.7	.3								4.4	5.2
NNE	1.0	1.7	.3	.7								3.7	5.5
NE	.3	2.0	.7		.3							3.4	6.7
ENE		2.4										2.4	4.3
E	.3	3.7	.3	.3								4.7	5.6
ESE	.3	3.0	2.4	1.0	.3							7.1	7.8
SE	.7	3.0	4.4	.3								8.4	7.1
SSE	.7	7.1	1.7	.7								9.8	6.4
S	.7	4.7	6.1	.3								11.8	7.1
SSW	.3	3.4	4.4	.7								8.8	8.0
SW		3.4	.3	1.0								4.7	6.9
WSW	1.4	2.4	2.7	.7								7.1	6.8
W	.7	1.0	2.4	1.0								5.1	7.9
WNW	1.0	1.4	2.4	1.7	.3		.3					7.1	9.5
W	.7	2.0	2.7	.7	.3							6.4	7.6
NNW		2.4	.7	.3								3.4	6.2
VARIABLE													
CALM	////////////////////											1.7	////
TOTALS	9.4	40.7	32.1	9.8	1.4		.3					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 246

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.3	1.6	.7	.3							4.9	4.5
NNE	.7	2.0	.3	.3							3.3	5.8
NE		1.0									1.0	4.0
ENE	.7	1.6									2.3	4.3
E	.7	3.0	1.0	.3							4.9	5.6
ESE		4.3	2.6	.3	.3						7.5	7.1
SE	.3	4.9	3.9	.7							9.8	6.5
SSE	.7	3.9	3.6	1.3							9.5	7.7
S	.3	4.3	3.9	1.3							9.8	7.7
SSW		3.3	2.3								5.6	7.1
SW	.7	3.3	3.3	1.3	.3						8.9	7.6
WSW		3.6	2.3	.3	.3						6.6	7.2
W	.7	2.3	2.0	.7	.3						5.9	7.5
WNW	.3	2.0	1.6	.3	.3						4.6	7.2
NW	.7	3.9	2.6	1.3							8.5	7.3
NNW	1.0	2.3	.7	.3							4.3	5.5
VARIABLE												
CALM	////////////////////										2.6	////
TOTALS	8.9	47.2	30.8	8.9	1.6						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 305

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(IST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.5	2.2	.7	.3							4.1	5.3
NNE	.7	1.4	.8	.3							3.1	6.2
NE	.5	1.9	.5	.1	.0						3.1	5.4
NNE	.4	2.7	.5	.1							3.0	5.3
E	.9	2.7	.8	.3							4.7	5.4
ESE	.4	3.5	2.1	.4	.1						6.5	6.5
SE	.8	4.5	3.5	.6	.1						9.5	6.8
SSE	.5	4.3	3.7	.8	.1						9.5	7.4
S	.6	4.0	4.5	.8	.0						9.9	7.3
SSW	.3	3.8	3.2	1.1	.1						8.5	7.7
SW	.3	2.6	1.7	.6	.1						5.3	7.0
WSW	.6	2.9	2.8	.5	.0						6.7	7.1
W	.7	1.9	2.3	1.0	.2						6.1	7.8
WNW	.5	1.5	1.4	.9	.2	.0	.1				4.7	8.3
NW	.5	2.2	2.1	1.5	.2	.1	.0				6.7	8.6
NNW	.5	2.5	1.3	.6							4.9	6.6
VARIABLE												
CALM	////////////////////										3.8	////
TOTALS	9.1	43.5	31.9	9.8	1.2	.2	.1				100.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 2366

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLARLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.7	1.4										2.0	3.7
NNE	1.0	1.4										2.4	3.1
NE	.7	1.0										1.7	3.6
ENE	1.0	1.4	.3									2.7	4.5
E		2.7	.3	.3								3.4	6.0
ESE	.3	3.1	1.0	.7								5.1	6.7
SE	.3	3.7	2.7	1.4	.3							8.5	7.9
SSE	.7	5.8	6.1	1.4								13.9	7.6
S	1.4	4.1	3.4	2.4								11.2	7.6
SSW	1.0	2.0	4.1	.7								7.8	7.4
SW	.7	1.7	2.4	.3								5.1	7.1
WSW	.3	4.1	1.4	1.4								7.1	7.2
W	.7	5.4	4.7	1.4	.7							12.9	7.6
WNW	.3	.7	1.0	.7								2.7	8.3
NW	.3	2.7	1.0	.7								4.7	7.0
NNW	1.0	2.4	.7									4.1	4.7
VARIABLE													
CALM	////////////////////											4.7	////
TOTALS	10.5	43.4	29.2	11.2	1.0							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 295

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(IST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	2.7									3.4	4.0
NNE	.7	1.0		.3							2.1	5.0
NE	1.7	2.1									3.8	3.5
ENE		1.0									1.0	6.0
E	.7	3.1									3.8	4.4
ESE	.7	2.4	2.7	1.4							7.2	7.9
SE	.3	3.4	2.1	2.4							8.2	7.8
SSE	.7	6.2	2.7	2.7							12.4	7.6
S	1.4	4.4	5.2	2.4							13.7	7.4
SSW	.3	3.4	4.1								7.9	6.4
SW		2.1	1.0	.3							3.4	6.8
WSW	.3	1.0	3.8	.3	.3						5.8	8.4
W	.7	7.6	4.5	2.1							14.8	6.9
WNW	.7	.7	.3	.7							2.4	6.6
NW		2.7	.3	1.0							4.1	7.3
NNW	.3	1.4	.7	.3							2.7	6.3
VARIABLE												
CALM	////////////////////										3.1	////
TOTALS	9.2	45.7	27.5	14.1	.3						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 291

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLRLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.7	1.0	.3								3.1	3.3
NNE	.3	1.0	.7								2.0	5.3
NE	.3	3.1									3.4	4.4
ENE	.3	.7	.3								1.4	4.5
E		2.4	1.4								3.8	5.8
ESE	1.4	1.7	2.0	.7							5.8	6.5
SE	.3	5.8	2.0	1.7							9.9	7.0
SSE	1.0	4.1	5.5	2.4							13.0	8.0
S	1.0	4.8	4.4	.7							10.9	6.8
SSW		3.8	3.8								7.5	6.9
SW	.3	2.7	1.7	.3	.3						5.5	7.4
WSW	.7	3.8	4.1	.3							8.5	7.0
W	1.7	2.7	4.4	1.4	.3						10.6	7.5
WNW	.7	.3	1.4	1.4							3.8	8.4
NW	.3	2.4	.3	.7							3.8	6.7
NNW	.7	2.4	1.0								4.1	5.7
VARIABLE												
CALM	////////////////////										3.1	////
TOTALS	10.6	42.7	33.4	9.6	.7						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 293

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLARLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(IST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.1	2.2									3.3	3.8
NNE	.4	1.5									1.8	4.4
NE	.7	1.5	.4								2.5	4.0
ENE	.4	.4	.4								1.1	5.3
E	.7	1.8	1.1								3.6	5.6
ESE	1.5	3.6	.7	.7							6.5	5.8
SE	.4	1.8	3.3	2.2							7.6	8.6
SSE	.7	5.8	5.8	1.5							13.8	7.3
S	1.5	4.4	6.2	.7							12.7	6.9
SSW		2.9	2.5	1.5							6.9	7.9
SW		4.0	2.9	.7							7.6	6.9
WSW	1.5	1.5	3.3	.4							6.5	6.7
W	.7	2.5	4.4	1.5							9.1	8.0
WNW		.7	.7			.4					1.8	11.0
NW	.7	2.5	1.1	1.8	.4						6.5	8.3
NNW	1.1	1.8	.7	.4							4.0	5.5
VARIABLE												
CALM	////////////////////										4.4	////
TOTALS	11.3	38.9	33.5	11.3	.4	.4					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 275

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(1ST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		2.1	.3								2.4	5.1
NNE	1.0	1.0	.7								2.7	4.3
NL	.3	1.0									1.4	4.5
ENE	.7	1.0	.7								2.4	4.6
E	.7	1.7	1.4								3.8	5.5
ESE	1.0	3.1	1.0	.7							5.8	5.9
SE	.3	4.1	3.8	1.7							10.0	7.7
SSE	.2	4.5	5.8	1.0							11.7	7.6
S	1.0	5.2	7.6	1.4							15.1	7.5
SSW		4.1	2.7	.7							7.6	7.3
SW	.3	2.1	3.4	.7							6.5	7.6
WSW	.3	2.4	3.1	.7	.3						6.9	7.8
W	.3	2.4	4.1	1.0							7.9	7.7
WNW	.7	.7	.3	1.0	.3						3.1	8.6
NW	.7	1.0	1.0	1.0							3.8	7.3
NNW	.3	4.1	.3	1.0							5.8	6.2
VARIABLE												
CALM	////////////////////										3.1	////
TOTALS	8.2	40.5	36.4	11.0	.7						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 291

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.7	2.7	.3									3.7	4.5
NNE		1.7										1.7	4.4
NE		1.0										1.0	5.3
ENE	1.4	.3	.7									2.4	4.0
E	.3	1.4	.7									2.4	5.4
ESE		3.4	1.0	.7								5.1	6.7
SE	.3	3.7	3.4	1.7								9.2	7.9
SSE	1.7	4.4	5.4	1.7								13.3	7.3
S	.7	4.8	6.8	.7								12.9	7.3
SSW	.3	4.1	3.1	1.4								8.8	7.3
SW		3.7	2.7	.7								7.1	7.4
WSW	.7	4.1	2.0	1.0								7.8	7.0
W	.7	1.0	4.1	.3	.3							6.5	8.1
WNW	.7	1.4	1.0	2.0								5.1	8.9
NW	1.0	1.7	.7	.3								3.7	5.5
NNW	.7	3.1	1.4	.7								5.8	6.6
VARIABLE													
CALM	////////////////////											3.4	////
TOTALS	9.2	42.4	33.3	11.2	.3							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 294

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLARLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(1ST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.3	4.8	.3									5.5	4.5
NNE	1.0	1.4										2.4	3.4
NE		1.0										1.0	4.7
ENE	1.4	1.0	.3									2.7	4.0
E	.3	1.7	.7									2.7	5.0
ESE	.3	3.1	.7	1.7								5.8	8.2
SE	.3	3.4	3.4	2.1								9.2	8.0
SSE		5.5	5.5	2.1								13.0	7.8
S	1.0	5.1	3.1	2.1								11.3	7.1
SSW		2.7	4.5	1.4								8.6	8.2
SW	.3	3.4	3.8	.3								7.9	7.0
WSW	.7	2.4	1.4	1.4								5.9	7.4
W	.3	3.4	2.7	1.7	.3							8.6	8.4
WNW	.3	1.0	1.0	.7								3.1	7.3
NW	.3	1.0	1.7	.7	.3							4.1	8.8
NNW	1.4	2.1	1.0	.3								4.8	5.3
VARIABLE													
CALM	////////////////////											3.4	////
TOTALS	8.2	43.2	30.1	14.4	.7							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 292

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLRLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.4	2.0										3.4	3.4
NNE	.7	2.4										3.1	4.0
NE	.3	1.0										1.4	4.5
ENE		.7										.7	4.0
E	.7	1.4	.7									2.7	4.5
ESE	.3	1.4	1.7	2.4								5.8	9.2
SE	1.4	3.1	3.7	1.4								9.5	7.4
SSE	1.0	6.1	4.1	1.0								12.2	6.8
S	1.0	4.8	5.1	1.4								12.2	7.4
SSW	.7	3.7	2.7	1.4								8.5	7.5
SW	.7	1.7	2.0	.3								4.8	6.6
WSW	1.0	3.7	3.4	1.4								9.5	6.9
W	.3	3.1	3.1	2.4	.7							9.5	8.8
WNW	.7	.3	2.0		.3							3.4	7.5
NW	.3	2.0	1.0	.3								3.7	7.1
NNW	.7	3.4	.7									4.8	4.9
VARIABLE													
CALM	////////////////////											4.8	////
TOTALS	11.2	40.8	30.3	11.9	1.0							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 294

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLARLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.8	2.4	.2									3.4	4.1
NNE	.6	1.4	.2	.0								2.3	4.2
NE	.5	1.5	.0									2.0	4.1
ENE	.6	.9	.3									1.8	4.5
E	.4	2.0	.8	.0								3.3	5.3
ESE	.7	2.7	1.4	1.1								5.9	7.1
SE	.5	3.7	3.1	1.8	.0							9.0	7.7
SSE	.8	5.3	5.1	1.7								12.9	7.5
S	1.1	4.7	5.2	1.5								12.5	7.3
SSW	.3	3.4	3.4	.9								8.0	7.4
SW	.3	2.7	2.5	.5	.0							6.0	7.1
WSW	.6	2.9	2.8	.9	.1							7.3	7.3
W	.7	3.5	4.0	1.5	.3							10.0	7.8
WNW	.5	.7	1.0	.8	.1	.0						3.2	8.3
NW	.5	2.0	.9	.8	.1							4.3	7.3
NNW	.8	2.6	.9	.3								4.5	5.7
VARIABLE													
CALM	////////////////////											3.7	////
TOTALS	9.8	42.2	31.7	11.8	.6	.0						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 2325

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLARLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.7	2.7	.7									3.6	4.9
NNE	.3	1.0										1.3	4.0
NE	.3	2.0	.3									2.6	4.5
ENE	.3	4.3	.7									3.3	5.8
E	1.0	1.6	.7									3.3	4.8
ESE	2.7	6.5	.3	.3								9.5	4.6
SE	1.3	6.5	2.9	1.3								12.1	6.4
SSE	.7	4.6	2.0	1.0								8.2	6.8
S	1.0	4.9	4.2	.3								10.5	6.6
SSW	.3	2.3	4.2	1.0	.7							8.5	9.1
SW	1.0	2.7	2.3	1.0								6.2	6.8
WSW	.7	2.9	2.9	1.6								8.2	8.2
W	.7	3.3	3.6	.7								8.2	7.2
WNW		.7	.7	.3								1.6	8.8
NW		2.6	.7	.7								3.9	6.8
NNW	.7	1.3	1.6	.7								4.2	7.2
VARIABLE													
CALM	////////////////////											4.9	////
TOTALS	11.1	46.7	27.8	8.8	.7							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS: 306

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLARLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(IST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	1.0	.7								2.3	5.1
NNE	.3										.3	2.0
NE	.7	1.6									2.3	4.0
ENE	.7	2.6	.3								3.6	4.7
E	2.0	3.9									5.9	3.8
ESE	2.3	5.6	1.3	.3							9.5	5.0
SE	1.3	6.5	2.9	1.3							12.1	6.3
SSE	.7	5.9	1.3								7.9	5.4
S	.7	5.6	2.6	1.3							10.1	7.0
SSW		2.9	3.6	.7	.3						7.5	8.3
SW	.7	2.9	2.3	1.3	.3						7.5	7.7
WSW		1.6	5.2	.7							7.5	7.9
W	.7	3.6	2.9	1.0	.3						8.5	7.6
WNW	.3	1.0	.7	.3							2.3	7.1
NW	.3	1.3	.7	.3							2.6	6.5
NNW	.3	3.3	1.6	.3							5.6	6.0
VARIABLE												
CALM	////////////////////										4.6	////
TOTALS	11.4	49.3	26.1	7.5	1.0						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 306

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLARLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2	1.0	.7								2.0	5.3
NNE	.7	1.7									2.3	4.3
NE	1.0	1.3									2.3	3.1
ENE	1.0	2.3	.3	.3							4.0	5.3
E	1.0	2.3	.3								3.7	4.4
ESE	1.3	5.4	1.0	.3							8.0	5.1
SE	1.7	7.4	2.0	1.7							12.7	6.2
SSE	2.0	6.4	2.3	.7							11.4	5.9
S	1.0	5.4	2.0	.7							9.0	6.1
SSW	.7	3.0	3.7	1.7							9.0	7.4
SW		3.0	2.0	1.7	.7						7.4	8.7
WSW	.3	2.0	3.3	1.0							6.7	7.7
W	1.3	3.3	3.3	.7							8.7	6.8
WNW	.3	.7	.3	.7							2.0	7.3
NW		.7	2.0	.3							3.0	8.9
NNW	.7	1.7	1.0	.3	.3						4.0	7.3
VARIABLE												
CALM	////////////////////										3.7	////
TOTALS	13.4	47.5	24.4	10.0	1.0						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS: 259

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLARLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.4	1.1	.4								1.8	4.8
NNE	.4	2.2									2.5	4.6
NE	1.1	2.2	.4								3.6	4.6
ENE	1.1	3.6		.4							5.0	4.7
E	1.1	1.4	.4								2.9	4.0
ESE	2.5	6.1	1.4								10.0	4.3
SE	.4	5.0	3.6	1.8							10.8	7.5
SSE	1.1	5.0	3.2	.4							9.7	5.9
S	.7	2.9	3.6	.7							7.9	6.9
SSW		4.7	5.4	.7							10.8	7.5
SW	1.1	2.2	.7	1.1	.4						5.4	8.2
WSW		2.2	5.8	1.4							9.4	8.3
W	.7	1.4	2.9	.4							5.4	7.2
WNW	.7	1.1	1.1	.4							3.2	6.2
W		1.1	.4	1.1							2.5	8.9
NNW	1.1	2.2	.7	.4							4.3	5.5
VARIABLE												
CALM	////////////////////										4.3	////
TOTALS	12.6	44.2	29.9	9.6	.4						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS: 278

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLARLY OBSERVATIONS

STATION NUMBER: 2255DC STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS (LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	.7									1.3	3.5
NNE	.3	2.3	.3								2.9	4.9
NE	.3	1.6	.7	.3							2.9	6.2
NNE	.3	2.0	.3	.3							2.9	6.0
E	1.3	2.6	.3	.3							4.6	5.0
ESE	2.9	3.9	1.6								8.5	4.5
SE	1.3	6.5	2.0	.7							10.5	5.9
SSE	1.0	6.2	1.3	.7							9.2	5.9
S	.7	3.3	3.9	1.3							9.2	7.4
SSW	.7	3.3	2.3	1.0							7.2	6.8
SW	.7	2.6	3.9	1.0							8.2	7.3
WSW	1.0	2.9	2.9	.3							7.2	6.8
W	1.0	4.6	2.3	2.9							10.8	8.1
WNW	.3	.7	1.0								1.6	6.8
NW		1.3	.7	1.3	.3						3.6	10.1
NNW	1.0	2.0	.7	.7							4.2	6.0
VARIABLE												
CALM	////////////////////										5.2	////
TOTALS	13.4	46.1	24.2	10.8	.3						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS: 306

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLRLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS (LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.7	1.3	.3									2.3	4.9
NNE	.3	.7	.3									1.3	5.5
NE	1.3	3.0	.3									4.6	4.6
ENE	1.0	2.0	.3	.3								3.6	5.1
E	1.6	1.3	1.0									3.9	4.5
ESE	2.6	5.9	.3	.7								9.5	4.7
SE	1.0	5.6	3.3	1.0								10.9	6.5
SSE	.3	4.6	2.3	1.0								8.2	6.8
S	.3	5.3	3.9									9.5	6.6
SSW	.3	5.3	3.0									8.6	6.3
SW	1.0	2.3	2.0	.7								5.9	6.3
WSW	.3	2.6	3.0	.3								6.2	7.4
W	1.3	3.6	3.9	.7	.3							9.9	6.8
WNW	.3	1.3	.3	.7								2.6	7.3
NW		1.0	1.6	1.0	.3							3.9	10.1
NNW	.3	1.0	.7	1.0								3.0	7.8
VARIABLE													
CALM	////////////////////											5.9	////
TOTALS	12.8	46.7	26.6	7.2	.7							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 304

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLAR OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	.7	.3								1.3	4.0
NNE		.7	.3								1.0	5.3
NE	.7	1.6	.3								2.6	4.3
ENE	1.6	1.6	1.3								4.6	5.0
E	1.0	3.0	1.0								4.9	5.2
ESE	1.6	7.2	1.0	.7							10.5	5.0
SE	.7	5.3	2.3	1.3							9.5	6.6
SSE	1.3	5.9	3.0	.7							10.9	6.0
S	.7	4.9	3.9								9.5	6.1
SSW	.3	3.0	3.0	1.3							7.6	7.5
SW	1.0	3.0	1.6	.7							6.2	6.5
WSW	.7	2.6	2.3	1.0							6.6	7.3
W	1.0	3.3	4.9	1.0	.3						10.5	7.7
WNW	.7	1.3	1.0								3.0	5.6
NW	.7	1.6	1.0	1.0							4.3	7.4
NNW	.7	1.0	1.3	1.0							3.0	8.0
VARIABLE												
CALM	////////////////////										3.0	////
TOTALS	13.2	46.4	28.6	8.6	.3						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 204

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOLRLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS (LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.7	.7	.3	.3							2.0	5.3
NNE	.7	1.6									2.3	4.0
NE	.3	2.6	.3								3.3	4.6
ENE	.7	2.0	.7								2.6	4.8
E	2.3	2.7									4.3	3.2
ESE	1.3	8.9	.3	1.3							11.8	5.6
SE	2.0	6.2	2.6	.3							11.1	5.5
SSE	.7	3.3	3.3	1.0							8.2	6.9
S	1.3	3.9	4.6	1.0							10.8	6.6
SSW	.7	1.6	3.3	1.3							6.9	8.0
SW	.3	3.3	2.6	.3							6.6	6.8
WSW	.7	3.3	3.9	.7	.3						8.5	7.9
W	1.0	3.3	2.0	1.6							7.9	7.8
WNW	.7	1.0	2.3	.3							4.3	7.1
NW		1.3	.7	.3							2.3	7.1
NNW		1.3	1.3								2.6	6.3
VARIABLE												
CALM	////////////////////										4.6	////
TOTALS	12.8	45.9	27.9	8.5	.3						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 305

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLARLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS (LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.6	1.0	.4	.0							2.1	4.8
NNE	.4	1.2	.1								1.7	4.5
NE	.7	2.0	.3	.0							3.0	4.5
ENE	.6	2.3	.5	.2							3.7	5.1
E	1.4	2.3	.5	.0							4.2	4.4
ESE	2.2	6.2	.9	.5							9.7	4.9
SE	1.2	6.1	2.7	1.2							11.2	6.3
SSE	1.0	5.2	2.3	.7							9.2	6.2
S	.9	4.5	3.6	.7							9.6	6.7
SSW	.4	3.2	3.5	1.0	.1						8.2	7.6
SW	.7	2.7	2.2	1.0	.2						6.7	7.3
WSW	.4	2.5	3.7	.9	.0						7.5	7.7
W	1.0	3.3	3.2	1.1	.1						9.8	7.4
WNW	.4	.9	.9	.3							2.6	6.9
NW	.1	1.4	1.0	.7	.1						3.3	8.3
NNW	.6	1.7	1.1	.5	.0						4.0	6.7
VARIABLE												
CALM	////////////////////										4.5	////
TOTALS	12.6	46.6	26.9	8.8	.6						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 2408

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-87
MONTH: ALL HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.0	3.0	1.0	.2	.0	.0					5.3	5.4
NNE	.7	2.3	.9	.1	.0						4.0	5.5
NE	.6	2.1	.7	.1	.0						3.5	5.3
ENE	.6	2.0	.6	.1							3.4	5.3
E	1.0	3.0	.9	.2	.0						5.1	5.3
ESE	1.2	4.5	1.5	.4	.0						7.5	5.5
SE	1.1	6.0	3.0	.7	.0						10.8	6.2
SSE	.8	4.0	2.2	.6	.0						7.6	6.3
S	.9	3.7	2.4	.7	.0						7.7	6.5
SSW	.6	2.7	2.1	.6	.0	.0					6.1	7.0
SW	.5	2.0	1.4	.5	.1						4.5	6.9
WSW	.7	2.3	1.9	.5	.0						5.5	6.8
W	1.1	3.5	2.1	.6	.1	.0					7.5	6.4
WNW	.6	2.0	1.5	.6	.1	.0	.0				4.8	7.2
NW	.7	2.7	1.9	1.0	.1	.0	.0				6.4	7.3
NNW	.6	3.0	1.7	.6	.0						6.1	6.5
VARIABLE											.0	6.0
CALM	////////////////////										4.3	////
TOTALS	12.5	48.8	25.7	7.7	.5	.0	.0				100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 28366

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-87
MONTH: ALL HOURS(1ST): ALL

CEILINGS 200 TO 1400 FEET WITH VISIBILITIES 1/2 MILE OR MORE
AND/OR
CEILINGS 200 FEET OR MORE WITH VISIBILITIES 1/2 TO 7-1/2 MILES

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.6	2.2	1.0	.2	.0							4.1	6.0
NNE	.4	1.5	.5	.1								2.5	5.4
NE	.4	1.7	.7	.1	.0							2.9	5.7
ENE	.5	1.3	.6	.2								2.7	5.9
E	.9	3.0	1.0	.3								5.2	5.5
ESE	1.1	4.5	2.0	.6	.0							8.3	6.0
SE	1.0	6.1	4.4	1.5	.1							13.1	7.0
SSE	.9	4.3	3.4	1.0	.1							9.7	7.0
S	.8	3.8	3.0	.7	.0							8.3	6.8
SSW	.5	2.8	2.2	.5	.1							6.1	6.9
SW	.5	2.2	1.5	.4	.0							4.7	6.6
WSW	.6	2.5	2.0	.4	.0							5.5	6.6
W	1.1	3.7	2.7	.9	.1	.0						8.5	6.9
WNW	.5	2.1	1.8	.9	.1	.0	.0					5.4	7.7
NW	.4	2.0	1.4	1.1	.1	.0	.0					5.1	8.0
NNW	.6	2.0	1.1	.5	.0							4.2	6.6
VARIABLE												.0	6.0
CALM	////////////////////											3.7	////
TOTALS	11.0	45.6	29.3	9.5	.7	.1	.0					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 6450

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CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VERSUS VISIBILITY SUMMARY

THIS SUMMARY IS A BIVARIATE FREQUENCY DISTRIBUTION BY CLASSES OF CEILING FROM "0" THROUGH EQUAL TO OR GREATER THAN 20,000 FEET AND AS A SEPARATE CLASS "NO CEILING", VERSUS VISIBILITY IN 16 CLASSES FROM ZERO THROUGH EQUAL TO OR GREATER THAN 10 MILES.

DATA DERIVED FROM HOURLY OBSERVATIONS.

FREQUENCY DISTRIBUTION PRESENTED BY THE STANDARD 3-FOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

NOTES:

BEGINNING IN 1968, METAR STATIONS REPORTED VISIBILITIES TO 6 MILES AND GREATER THAN 6 MILES. THEREFORE THE COLUMN FOR VISIBILITIES EQUAL TO OR GREATER THAN 10 MILES APPEAR BLANK.

AS A RULE, AIRWAYS STATIONS NORMALLY REPORT VISIBILITIES TO 6 MILES AND 7 OR GREATER, HOWEVER SOME STATIONS REPORT HIGHER VALUES. THEREFORE, THE 10 MILE VISIBILITY COLUMN SOMETIMES CONTAIN SMALL PERCENTAGE VALUES. HOWEVER, THESE VALUES ARE OF LITTLE MEANING AND SHOULD BE DISREGARDED.

FOR METAR CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS ABOVE 5000 FEET WERE SUPPRESSED TO 5000 FEET. THEREFORE, NO PERCENT VALUES APPEAR ABOVE 5000 FEET.

SKY COVER SUMMARY

PRESENTS PERCENTAGES OF SKY COVER IN EITHER 10THS OF COVERAGE OR "AIRWAYS CLASSIFICATIONS".

DATA SUMMARIZED BY THE STANDARD 3-FOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

ALSO PRESENTED ARE MEAN SKY COVERS.

FOR AIRWAY STATIONS, THE CONVERSION FROM THE AIRWAYS DESIGNATIONS TO 10THS FOR PRESENTATION ARE:

CLEAR	-	3/10
SCATTERED	-	3/10
BROKEN	-	9/10
OVERCAST	-	10/10
DISCUSED	-	10/10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS (LST): 0000-0200

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
1	10	6	5	4	3	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0		
NO CEIL	12.2	19.4	19.7	21.7	22.7	23.7	24.0	24.0	24.0	24.0	24.3	24.3	24.7	24.7	24.7	24.7	
GE 20000	12.5	23.0	23.7	26.3	28.3	29.3	29.9	29.9	29.9	29.9	30.3	30.3	30.6	30.6	30.6	30.6	
GE 18000	12.5	23.0	23.7	26.3	28.3	29.3	29.9	29.9	29.9	29.9	30.3	30.3	30.6	30.6	30.6	30.6	
GE 16000	12.5	23.0	23.7	26.3	28.3	29.3	29.9	29.9	29.9	29.9	30.3	30.3	30.6	30.6	30.6	30.6	
GE 14000	12.5	23.0	23.7	26.3	28.3	29.3	29.9	29.9	29.9	29.9	30.3	30.3	30.6	30.6	30.6	30.6	
GE 12000	12.5	23.0	23.7	26.3	28.3	29.3	29.9	29.9	29.9	29.9	30.3	30.3	30.6	30.6	30.6	30.6	
GE 10000	14.5	29.9	32.2	36.6	42.4	44.4	45.7	46.1	46.1	46.4	46.7	46.7	47.0	47.0	47.0	47.0	
GE 9000	14.5	29.9	32.2	36.6	42.4	44.4	45.7	46.1	46.1	46.4	46.7	46.7	47.0	47.0	47.0	47.0	
GE 8000	14.5	29.9	32.2	36.6	42.4	44.4	45.7	46.1	46.1	46.4	46.7	46.7	47.0	47.0	47.0	47.0	
GE 7000	14.5	29.9	32.2	39.1	42.8	44.7	46.1	46.4	46.4	46.7	47.0	47.0	47.4	47.4	47.4	47.4	
GE 6000	14.5	29.9	32.2	39.1	42.8	44.7	46.1	46.4	46.4	46.7	47.0	47.0	47.4	47.4	47.4	47.4	
GE 5000	14.5	29.9	32.2	39.1	42.8	44.7	46.1	46.4	46.4	46.7	47.0	47.0	47.4	47.4	47.4	47.4	
GE 4500	14.5	29.9	32.2	39.1	42.8	44.7	46.1	46.4	46.4	46.7	47.0	47.0	47.4	47.4	47.4	47.4	
GE 4000	14.5	30.3	32.6	39.5	43.1	45.1	46.4	46.7	46.7	47.0	47.4	47.4	47.7	47.7	47.7	47.7	
GE 3500	14.5	30.3	32.6	39.5	43.1	45.1	46.4	46.7	46.7	47.0	47.4	47.4	47.7	47.7	47.7	47.7	
GE 3000	14.8	30.6	33.2	40.1	43.8	45.7	47.0	47.4	47.4	47.7	48.0	48.0	48.4	48.4	48.4	48.4	
GE 2500	15.8	32.9	35.9	43.1	46.7	48.7	50.0	50.3	50.3	50.7	51.0	51.0	51.3	51.3	51.3	51.3	
GE 2000	16.4	37.6	40.8	48.0	51.6	53.6	54.9	55.3	55.3	55.6	55.9	55.9	56.3	56.3	56.3	56.3	
GE 1800	16.4	39.5	42.8	50.3	54.3	56.3	57.6	58.2	58.2	58.6	58.9	58.9	59.2	59.2	59.2	59.2	
GE 1500	17.4	45.1	49.3	58.6	63.5	66.1	67.4	68.4	68.4	68.8	69.1	69.4	69.7	69.7	69.7	69.7	
GE 1200	19.1	51.0	56.9	66.4	75.0	78.9	80.6	81.6	81.9	82.2	82.6	82.9	83.2	83.2	83.2	83.2	
GE 1000	19.7	52.6	59.2	71.7	79.3	83.9	85.5	86.5	86.5	87.2	87.8	88.2	88.5	88.8	88.8	88.8	
GE 900	19.7	53.6	60.5	73.7	81.9	86.5	88.2	89.1	89.8	90.5	90.8	91.1	91.4	91.4	91.4	91.4	
GE 800	19.7	54.3	61.5	75.7	83.9	88.5	90.1	91.1	91.8	92.4	92.8	93.1	93.4	93.4	93.4	93.4	
GE 700	19.7	54.9	62.2	77.0	85.5	90.5	92.4	93.4	94.1	94.7	95.1	95.4	95.7	95.7	95.7	95.7	
GE 600	19.7	55.3	62.8	78.0	86.5	91.4	93.4	94.4	95.4	96.1	96.7	97.0	97.4	97.4	97.4	97.4	
GE 500	19.7	55.9	63.5	78.6	87.2	92.1	94.1	95.1	96.1	96.7	97.4	97.7	98.0	98.0	98.0	98.0	
GE 400	19.7	56.3	63.6	78.9	87.5	92.4	94.4	95.4	96.4	97.0	97.7	98.0	98.4	98.4	98.4	98.4	
GE 300	19.7	56.3	63.8	78.9	87.5	92.4	94.7	95.7	96.7	97.4	98.0	98.4	98.7	98.7	98.7	98.7	
GE 200	19.7	56.3	63.8	78.9	87.5	92.4	94.7	95.7	96.7	97.4	98.0	98.4	99.0	99.0	99.0	99.0	
GE 100	19.7	56.3	63.8	78.9	87.5	92.4	94.7	95.7	96.7	97.4	98.0	98.4	99.0	99.0	99.0	99.0	
GE 0	19.7	56.3	63.8	78.9	87.5	92.4	94.7	95.7	96.7	97.4	98.0	98.4	99.0	99.0	99.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 304

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87

MONTH: JAN HOURS (LST): 0300-0500

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	1	GE 10	GE 6	GE 5	GE 4	GE 3	2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 7/16	GE 1/4	GE 0
NO CEIL	1	13.0	15.7	21.0	23.0	23.7	24.0	24.3	24.3	24.7	25.0	25.3	25.3	25.3	25.3	25.3	25.3
GE 20000	1	13.7	22.3	24.0	27.0	28.7	29.0	29.3	29.3	29.7	30.0	30.3	30.3	30.7	30.7	30.7	30.7
GE 18000	1	13.7	22.3	24.0	27.0	28.7	29.0	29.3	29.3	29.7	30.0	30.3	30.3	30.7	30.7	30.7	30.7
GE 16000	1	13.7	22.3	24.0	27.0	28.7	29.0	29.3	29.3	29.7	30.0	30.3	30.3	30.7	30.7	30.7	30.7
GE 14000	1	13.7	22.3	24.0	27.0	28.7	29.0	29.3	29.3	29.7	30.0	30.3	30.3	30.7	30.7	30.7	30.7
GE 12000	1	13.7	22.3	24.0	27.0	28.7	29.0	29.3	29.3	29.7	30.0	30.3	30.3	30.7	30.7	30.7	30.7
GE 10000	1	16.3	31.0	34.0	39.3	42.7	44.0	44.7	44.7	45.0	45.3	45.7	46.7	47.0	47.0	47.0	47.0
GE 9000	1	16.3	31.0	34.0	39.3	42.7	44.0	44.7	44.7	45.0	45.3	45.7	46.7	47.0	47.0	47.0	47.0
GE 8000	1	16.3	31.0	34.0	39.3	42.7	44.0	44.7	44.7	45.0	45.3	45.7	46.7	47.0	47.0	47.0	47.0
GE 7000	1	16.3	31.0	34.3	39.7	43.0	44.3	45.0	45.0	45.3	45.7	47.0	47.0	47.3	47.3	47.3	47.3
GE 6000	1	16.3	31.0	34.3	39.7	43.0	44.3	45.0	45.0	45.3	45.7	47.0	47.0	47.3	47.3	47.3	47.3
GE 5000	1	16.7	31.3	34.7	40.0	43.3	44.7	45.3	45.3	45.7	46.0	47.3	47.3	47.7	47.7	47.7	47.7
GE 4500	1	17.0	31.7	35.0	40.7	44.0	45.3	46.0	46.0	46.3	46.7	47.0	47.0	47.3	47.3	47.3	47.3
GE 4000	1	17.0	31.7	35.3	41.0	44.3	45.7	46.3	46.3	46.7	47.0	47.3	47.3	47.7	47.7	47.7	47.7
GE 3500	1	17.7	32.7	36.3	42.0	45.3	46.7	47.3	47.3	47.7	48.0	48.3	48.3	48.7	48.7	48.7	48.7
GE 3000	1	18.0	33.7	37.3	43.0	46.3	47.7	48.3	48.3	48.7	49.0	49.3	49.3	49.7	49.7	49.7	49.7
GE 2500	1	18.3	35.0	39.0	45.7	49.0	50.3	51.0	51.0	51.3	51.7	52.0	52.0	52.3	52.3	52.3	52.3
GE 2000	1	19.7	35.0	43.3	50.7	54.0	55.3	56.0	56.0	56.3	56.7	57.0	57.0	57.3	57.3	57.3	57.3
GE 1800	1	20.7	42.3	47.3	56.7	67.3	61.7	62.3	62.3	62.7	63.0	64.3	64.3	64.7	64.7	64.7	64.7
GE 1500	1	21.0	45.7	52.0	62.7	67.3	69.3	70.0	70.3	71.0	71.3	72.7	72.7	73.0	73.0	73.0	73.0
GE 1200	1	21.7	50.0	58.3	72.0	78.0	80.7	82.0	82.3	83.0	83.7	85.3	85.3	85.7	85.7	85.7	85.7
GE 1000	1	22.0	51.3	59.7	75.7	83.0	86.0	87.7	88.0	88.7	89.3	91.0	91.0	91.3	91.3	91.3	91.3
GE 900	1	22.0	52.3	61.0	78.0	85.3	88.3	90.0	90.7	91.3	92.0	93.7	93.7	94.0	94.0	94.0	94.0
GE 800	1	22.0	52.3	61.0	78.3	85.7	88.7	90.3	91.0	91.7	92.3	94.0	94.0	94.3	94.3	94.3	94.3
GE 700	1	22.0	51.3	62.0	79.7	87.0	90.0	91.7	92.7	93.3	94.0	95.7	95.7	96.0	96.0	96.0	96.0
GE 600	1	22.3	54.0	62.7	80.7	88.3	91.3	93.3	94.7	95.3	96.0	97.7	97.7	98.0	98.0	98.0	98.0
GE 500	1	22.3	54.7	63.3	81.3	89.0	92.0	94.0	95.3	96.0	96.7	98.3	98.3	98.7	98.7	98.7	98.7
GE 400	1	22.3	54.7	63.3	81.3	89.0	92.0	94.0	95.3	96.0	96.7	98.3	98.3	98.7	98.7	98.7	98.7
GE 300	1	22.3	54.7	63.3	81.3	89.0	92.0	94.3	95.7	96.3	97.0	98.7	98.7	99.0	99.0	99.0	99.0
GE 200	1	22.3	54.7	63.3	81.3	89.0	92.0	94.3	95.7	96.3	97.0	98.7	98.7	99.3	99.7	99.7	99.7
GE 100	1	22.3	54.7	63.3	81.3	89.0	92.0	94.3	95.7	96.3	97.0	98.7	98.7	99.3	99.7	100.0	100.0
GE 0	1	22.3	54.7	63.3	81.3	89.0	92.0	94.3	95.7	96.3	97.0	98.7	98.7	99.3	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 300

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(IST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	1 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	14.6	20.7	22.4	24.1	24.8	25.2	26.2	26.2	26.2	26.2	26.5	26.5	26.5	26.5	26.5	26.5		
GE 20000	15.6	23.5	25.9	28.2	28.9	29.9	31.0	31.0	31.0	31.0	31.6	31.6	31.6	31.6	31.6	31.6		
GE 18000	15.6	23.5	25.9	28.2	28.9	29.9	31.0	31.0	31.0	31.0	31.6	31.6	31.6	31.6	31.6	31.6		
GE 16000	15.6	23.5	25.9	28.2	28.9	29.9	31.0	31.0	31.0	31.0	31.6	31.6	31.6	31.6	31.6	31.6		
GE 14000	15.6	23.5	25.9	28.2	28.9	29.9	31.0	31.0	31.0	31.0	31.6	31.6	31.6	31.6	31.6	31.6		
GE 12000	15.6	23.5	25.9	28.2	28.9	29.9	31.0	31.0	31.0	31.0	31.6	31.6	31.6	31.6	31.6	31.6		
GE 10000	19.7	32.0	37.8	41.2	43.5	45.6	46.6	46.9	47.3	47.3	48.6	48.6	48.6	48.6	48.6	48.6		
GE 9000	19.7	32.0	37.8	41.2	43.5	45.6	46.6	46.9	47.3	47.3	48.6	48.6	48.6	48.6	48.6	48.6		
GE 8000	19.7	32.0	37.8	41.2	43.5	45.6	46.6	46.9	47.3	47.3	48.6	48.6	48.6	48.6	48.6	48.6		
GE 7000	19.7	32.0	38.1	41.5	43.9	45.9	46.9	47.3	47.6	47.6	49.0	49.0	49.0	49.0	49.0	49.0		
GE 6000	19.7	32.0	38.1	41.5	43.9	45.9	46.9	47.3	47.6	47.6	49.0	49.0	49.0	49.0	49.0	49.0		
GE 5000	19.7	32.3	38.4	41.8	44.2	46.3	47.3	47.6	48.0	48.0	49.3	49.3	49.3	49.3	49.3	49.3		
GE 4500	19.7	32.3	39.4	41.8	44.2	46.3	47.3	47.6	48.0	48.0	49.3	49.3	49.3	49.3	49.3	49.3		
GE 4000	19.7	32.7	38.8	42.9	45.6	47.6	48.6	49.0	49.3	49.3	50.7	50.7	50.7	50.7	50.7	50.7		
GE 3500	19.7	32.7	38.8	42.9	45.6	47.6	48.6	49.0	49.3	49.3	50.7	50.7	50.7	50.7	50.7	50.7		
GE 3000	19.7	33.0	39.5	43.5	46.3	48.3	49.3	49.7	50.0	50.0	51.4	51.4	51.4	51.4	51.4	51.4		
GE 2500	17.7	35.0	41.8	45.9	48.6	50.7	51.7	52.0	52.4	52.4	53.7	53.7	53.7	53.7	53.7	53.7		
GE 2000	21.1	37.8	44.9	49.0	52.0	54.1	55.1	55.4	55.8	55.8	57.1	57.1	57.1	57.1	57.1	57.1		
GE 1800	21.1	35.5	48.0	52.4	55.8	58.2	59.2	59.5	59.9	59.9	61.2	61.2	61.2	61.2	61.2	61.2		
GE 1500	22.1	44.6	55.1	61.2	65.3	68.0	69.0	69.4	69.7	69.7	71.1	71.1	71.1	71.1	71.1	71.1		
GE 1200	22.4	49.3	62.2	69.7	75.9	79.9	81.3	81.6	82.7	83.3	84.7	84.7	84.7	84.7	84.7	84.7		
GE 1000	27.1	50.7	65.0	73.5	80.3	85.0	86.4	87.1	88.1	89.5	90.8	90.8	90.8	90.8	90.8	90.8		
GE 900	23.5	51.0	66.0	75.2	82.3	87.1	88.4	89.1	90.1	91.5	92.9	92.9	92.9	92.9	92.9	92.9		
GE 800	23.6	51.7	67.0	76.2	83.7	86.4	89.8	90.5	91.5	92.9	94.2	94.2	94.6	94.6	94.6	94.6		
GE 700	24.1	52.7	68.4	77.6	85.4	90.5	91.8	92.5	93.9	95.2	96.6	96.6	96.9	96.9	96.9	96.9		
GE 600	24.1	52.7	68.7	77.9	85.7	90.8	92.5	93.2	94.6	95.9	97.3	97.3	98.0	98.0	98.0	98.0		
GE 500	24.1	53.1	69.0	78.2	86.4	91.5	93.2	93.9	95.2	96.6	98.0	98.0	98.6	98.6	98.6	98.6		
GE 400	24.1	53.1	69.4	78.6	86.7	91.8	93.5	94.2	95.6	96.9	98.3	98.3	99.0	99.0	99.0	99.0		
GE 300	24.1	53.1	69.4	78.6	86.7	91.8	93.5	94.2	95.6	96.9	98.3	98.3	99.0	99.0	99.0	99.0		
GE 200	24.1	53.1	69.4	78.6	86.7	91.8	93.5	94.2	95.6	96.9	98.3	98.3	99.3	99.3	99.7	99.7		
GE 100	24.1	53.1	69.4	78.6	86.7	91.8	93.5	94.2	95.6	96.9	98.3	98.3	99.3	99.7	99.7	100.0		
GE 0	24.1	53.1	69.4	78.6	86.7	91.8	93.5	94.2	95.6	96.9	98.3	98.3	99.3	99.7	99.7	100.0		

TOTAL NUMBER OF OBSERVATIONS: 294

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARK-HANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(IST): 0900-1100

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		9.5	16.4	17.5	18.2	19.3	20.0	20.4	20.4	20.4	20.7	21.1	21.1	21.8	21.8	21.8	21.8
GE 20000	10.2	20.0	21.8	22.9	24.4	25.1	25.5	25.8	25.8	25.8	26.2	26.5	26.5	27.3	27.3	27.3	27.3
GE 18000	10.2	20.0	21.8	22.9	24.4	25.1	25.5	25.8	25.8	25.8	26.2	26.5	26.5	27.3	27.3	27.3	27.3
GE 16000	10.2	20.0	21.8	22.9	24.4	25.1	25.5	25.8	25.8	25.8	26.2	26.5	26.5	27.3	27.3	27.3	27.3
GE 14000	10.2	20.0	21.8	22.9	24.4	25.1	25.5	25.8	25.8	25.8	26.2	26.5	26.5	27.3	27.3	27.3	27.3
GE 12000	10.2	20.0	21.8	22.9	24.4	25.1	25.5	25.8	25.8	25.8	26.2	26.5	26.5	27.3	27.3	27.3	27.3
GE 10000	15.3	32.0	35.6	40.7	43.6	44.4	45.1	46.2	46.2	46.2	46.9	48.0	48.0	48.7	48.7	48.7	48.7
GE 9000	15.3	32.0	35.6	40.7	43.6	44.4	45.1	46.2	46.2	46.2	46.9	48.0	48.0	48.7	48.7	48.7	48.7
GE 8000	15.3	32.0	35.6	40.7	43.6	44.4	45.1	46.2	46.2	46.2	46.9	48.0	48.0	48.7	48.7	48.7	48.7
GE 7000	15.3	32.0	35.6	40.7	43.6	44.4	45.1	46.2	46.2	46.2	46.9	48.0	48.0	48.7	48.7	48.7	48.7
GE 6000	15.3	32.0	35.6	40.7	43.6	44.4	45.1	46.2	46.2	46.2	46.9	48.0	48.0	48.7	48.7	48.7	48.7
GE 5000	15.3	32.0	35.6	40.7	43.6	44.4	45.1	46.2	46.2	46.2	46.9	48.0	48.0	48.7	48.7	48.7	48.7
GE 4500	15.6	32.4	36.0	41.1	44.0	44.7	45.5	46.5	46.5	46.5	47.3	48.4	48.4	49.1	49.1	49.1	49.1
GE 4000	15.6	32.7	36.4	42.2	45.5	46.2	46.9	48.0	48.0	48.0	48.7	49.8	49.8	50.5	50.5	50.5	50.5
GE 3500	15.6	32.7	36.7	42.5	45.8	46.5	47.3	48.4	48.4	48.4	49.1	50.2	50.2	50.9	50.9	50.9	50.9
GE 3000	15.6	32.7	37.8	43.6	46.9	47.6	48.4	49.5	49.5	49.5	50.2	51.3	51.3	52.0	52.0	52.0	52.0
GE 2500	16.7	33.8	38.9	45.5	48.7	49.5	50.2	51.3	51.3	51.3	52.0	53.1	53.1	53.8	53.8	53.8	53.8
GE 2000	18.5	36.7	42.2	49.8	53.1	54.2	54.9	56.0	56.0	56.0	56.7	57.8	57.8	58.5	58.5	58.5	58.5
GE 1800	18.5	38.9	45.1	53.1	57.5	58.9	59.6	60.7	60.7	60.7	61.5	62.5	62.5	63.3	63.3	63.3	63.3
GE 1500	19.9	42.2	49.5	58.9	63.3	65.5	66.2	67.6	67.6	67.6	68.4	69.5	69.5	70.2	70.2	70.2	70.2
GE 1200	20.4	47.6	55.6	66.4	73.8	76.7	77.8	79.6	79.6	79.6	80.4	81.5	81.5	82.2	82.2	82.2	82.2
GE 1000	20.7	51.6	60.0	73.8	80.4	83.6	84.7	86.9	86.9	86.9	88.0	89.1	89.1	89.8	89.8	89.8	89.8
GE 900	21.1	52.0	60.7	75.6	82.2	85.8	86.9	89.5	89.5	89.5	90.5	91.6	91.6	92.7	92.7	92.7	92.7
GE 800	21.1	52.4	61.1	76.0	82.9	86.5	87.6	90.2	90.2	90.2	91.6	93.1	93.1	94.2	94.2	94.2	94.2
GE 700	21.8	53.1	62.2	77.1	85.1	88.7	89.8	92.4	92.4	92.4	93.8	95.3	95.3	96.7	96.7	96.7	96.7
GE 600	21.8	53.1	62.2	77.5	85.5	89.1	90.2	92.7	92.7	92.7	94.2	95.6	95.6	97.1	97.1	97.1	97.1
GE 500	21.8	53.5	62.9	78.2	86.5	90.2	91.3	93.8	93.8	93.8	95.3	96.7	96.7	98.2	98.2	98.2	98.2
GE 400	21.8	53.8	63.3	78.5	86.9	90.5	91.6	94.2	94.2	94.2	95.6	97.1	97.1	98.5	98.5	98.5	98.5
GE 300	21.8	53.8	63.3	78.5	86.9	90.5	91.6	94.2	94.2	94.2	95.6	97.1	97.1	98.5	98.5	98.5	98.5
GE 200	21.8	53.8	63.3	78.5	86.9	90.5	91.6	94.2	94.2	94.2	95.6	97.1	97.1	98.5	98.5	98.5	98.5
GE 100	21.8	53.8	63.3	78.5	86.9	90.5	91.6	94.5	94.5	94.5	96.0	97.5	97.5	98.9	98.9	98.9	100.0
GE 0	21.8	53.8	63.3	78.5	86.9	90.5	91.6	94.5	94.5	94.5	96.0	97.5	97.5	98.9	98.9	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 275

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	9.7	15.2	16.2	16.9	17.6	18.6	19.7	20.3	20.3	20.3	20.3	20.3	20.3	20.3	21.4	21.4	21.4
GE 20000	12.8	23.1	24.5	26.9	27.9	29.0	30.3	31.7	31.7	31.7	31.7	31.7	31.7	31.7	32.8	32.8	32.8
GE 18000	12.8	23.1	24.5	26.9	27.9	29.0	30.3	31.7	31.7	31.7	31.7	31.7	31.7	31.7	32.8	32.8	32.8
GE 16000	12.8	23.1	24.5	26.9	27.9	29.0	30.3	31.7	31.7	31.7	31.7	31.7	31.7	31.7	32.8	32.8	32.8
GE 14000	12.8	23.1	24.5	26.9	27.9	29.0	30.3	31.7	31.7	31.7	31.7	31.7	31.7	31.7	32.8	32.8	32.8
GE 12000	12.8	23.1	24.5	26.9	27.9	29.0	30.3	31.7	31.7	31.7	31.7	31.7	31.7	31.7	32.8	32.8	32.8
GE 10000	16.9	36.6	40.7	46.6	51.0	52.4	54.8	56.6	56.6	56.6	56.6	57.2	57.2	57.6	58.6	58.6	58.6
GE 9000	16.9	36.6	40.7	46.6	51.0	52.4	54.8	56.6	56.6	56.6	56.6	57.2	57.2	57.6	58.6	58.6	58.6
GE 8000	16.9	36.6	40.7	46.6	51.0	52.4	54.8	56.6	56.6	56.6	56.6	57.2	57.2	57.6	58.6	58.6	58.6
GE 7000	16.9	36.6	40.7	46.6	51.0	52.4	54.8	56.6	56.6	56.6	56.6	57.2	57.2	57.6	58.6	58.6	58.6
GE 6000	16.9	36.6	40.7	46.6	51.0	52.4	54.8	56.6	56.6	56.6	56.6	57.2	57.2	57.6	58.6	58.6	58.6
GE 5000	16.9	36.6	40.7	46.6	51.4	52.8	55.2	56.9	56.9	56.9	56.9	57.6	57.6	57.9	59.0	59.0	59.0
GE 4500	17.2	36.9	41.0	47.2	51.7	53.1	55.5	57.2	57.2	57.2	57.2	57.9	57.9	58.3	59.3	59.3	59.3
GE 4000	17.2	36.9	41.0	47.2	51.7	53.1	55.5	57.2	57.2	57.2	57.2	57.9	57.9	58.3	59.3	59.3	59.3
GE 3500	17.6	37.2	41.4	47.6	52.1	53.4	55.9	57.6	57.6	57.6	57.6	58.3	58.3	58.6	59.7	59.7	59.7
GE 3000	17.6	37.2	41.4	47.6	52.1	53.4	55.9	57.6	57.6	57.6	57.6	58.3	58.3	58.6	59.7	59.7	59.7
GE 2500	18.3	38.3	42.4	49.3	53.8	55.2	57.6	59.3	59.3	59.3	59.3	60.0	60.0	60.3	61.4	61.4	61.4
GE 2000	19.3	39.7	43.8	50.7	55.2	56.6	59.0	60.7	60.7	60.7	60.7	61.4	61.4	61.7	62.8	62.8	62.8
GE 1800	19.7	42.1	46.2	54.5	59.3	60.7	63.4	65.2	65.2	65.2	65.2	65.9	65.9	66.2	67.2	67.2	67.2
GE 1500	20.3	44.5	49.0	57.2	62.4	65.2	68.3	70.0	70.0	70.0	70.0	71.0	71.0	71.4	72.4	72.4	72.4
GE 1200	20.7	51.4	56.9	67.9	73.8	77.9	81.7	83.8	84.5	84.5	84.5	85.2	85.2	85.5	86.6	86.6	86.6
GE 1000	21.0	52.1	58.3	70.3	77.2	81.7	86.2	88.3	89.3	89.3	89.3	90.3	90.3	90.7	91.7	91.7	91.7
GE 900	21.0	52.1	58.3	71.0	77.9	82.4	86.9	89.0	90.0	90.0	90.0	91.0	91.0	91.4	92.4	92.4	92.4
GE 800	21.0	52.4	58.6	71.4	78.3	82.8	87.2	89.7	90.7	90.7	91.0	92.4	92.4	92.8	93.8	93.8	93.8
GE 700	21.0	52.4	58.6	71.7	79.0	83.4	87.9	90.7	91.7	91.7	92.1	93.4	93.8	94.1	95.2	95.2	95.2
GE 600	21.0	52.4	59.0	72.8	80.0	84.5	89.0	91.7	92.8	93.4	93.4	94.8	95.2	95.5	96.6	96.6	96.6
GE 500	21.0	52.8	59.7	73.4	81.1	85.5	90.0	92.8	93.8	94.8	94.8	96.2	96.6	96.9	97.9	97.9	97.9
GE 400	21.0	52.8	59.7	73.4	81.0	85.5	90.0	92.8	93.8	94.8	94.8	96.2	96.6	96.9	97.9	97.9	97.9
GE 300	21.0	52.8	59.7	73.4	81.0	85.5	90.0	92.8	93.8	94.8	94.8	96.2	96.6	96.9	97.9	97.9	97.9
GE 200	21.0	52.8	59.7	73.4	81.0	85.5	90.0	92.8	93.8	94.8	94.8	96.2	96.6	97.2	99.0	99.0	99.0
GE 100	21.0	52.8	59.7	73.4	81.0	85.5	90.0	92.8	93.8	94.8	94.8	96.2	96.6	97.2	99.0	99.3	100.0
GE	21.0	52.8	59.7	73.4	81.0	85.5	90.0	92.8	93.8	94.8	94.8	96.2	96.6	97.2	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 290

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87

MONTH: JAN HOURS: 1500-1700

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
1	10	6	5	4	3	2	1 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4
0																
NO CEIL	7.7	15.1	15.4	16.1	17.1	17.7	18.4	18.7	18.7	18.7	18.7	18.7	18.7	19.1	19.1	19.1
GE 20000	10.4	23.1	23.7	26.1	27.8	29.1	30.1	31.1	31.1	31.1	31.1	31.1	31.1	31.4	31.4	31.4
GE 18000	10.4	23.1	23.7	26.1	27.8	29.1	30.1	31.1	31.1	31.1	31.1	31.1	31.1	31.4	31.4	31.4
GE 16000	10.4	23.1	23.7	26.1	27.8	29.1	30.1	31.1	31.1	31.1	31.1	31.1	31.1	31.4	31.4	31.4
GE 14000	10.4	23.1	23.7	26.1	27.8	29.1	30.1	31.1	31.1	31.1	31.1	31.1	31.1	31.4	31.4	31.4
GE 12000	10.4	23.1	23.7	26.1	27.8	29.1	30.1	31.1	31.1	31.1	31.1	31.1	31.1	31.4	31.4	31.4
GE 10000	14.0	37.1	40.8	49.5	53.5	56.2	57.5	59.5	59.9	60.5	60.5	60.5	60.5	60.9	60.9	60.9
GE 9000	14.0	37.1	40.8	49.5	53.5	56.2	57.5	59.5	59.9	60.5	60.5	60.5	60.5	60.9	60.9	60.9
GE 8000	14.0	37.1	40.8	49.5	53.5	56.2	57.5	59.5	59.9	60.5	60.5	60.5	60.5	60.9	60.9	60.9
GE 7000	14.0	37.1	40.8	49.5	53.5	56.2	57.5	59.5	59.9	60.5	60.5	60.5	60.5	60.9	60.9	60.9
GE 6000	14.0	37.1	40.8	49.5	53.5	56.2	57.5	59.5	59.9	60.5	60.5	60.5	60.5	60.9	60.9	60.9
GE 5000	14.0	37.1	40.8	49.5	53.5	56.2	57.5	59.5	59.9	60.5	60.5	60.5	60.5	60.9	60.9	60.9
GE 4500	14.0	37.5	41.1	49.8	53.8	56.5	57.9	59.9	60.2	60.9	60.9	60.9	60.9	61.2	61.2	61.2
GE 4000	14.0	37.5	41.1	49.8	53.8	56.5	57.9	59.9	60.2	60.9	60.9	60.9	60.9	61.2	61.2	61.2
GE 3500	14.4	38.8	42.5	51.2	55.2	57.9	59.2	61.2	61.5	62.2	62.2	62.2	62.2	62.5	62.5	62.5
GE 3000	14.4	38.8	42.5	51.2	55.2	57.9	59.2	61.2	61.5	62.2	62.2	62.2	62.2	62.5	62.5	62.5
GE 2500	14.4	38.8	42.5	51.5	55.5	58.2	59.5	61.5	61.9	62.5	62.5	62.5	62.5	62.9	62.9	62.9
GE 2000	15.1	41.1	45.8	54.8	59.2	62.2	63.5	65.6	65.9	66.6	66.6	66.6	66.6	66.9	66.9	66.9
GE 1800	15.7	42.5	48.5	57.5	61.9	64.9	66.6	68.6	68.9	69.9	69.9	69.9	69.9	70.2	70.2	70.2
GE 1500	17.4	47.8	53.5	64.5	69.2	72.2	73.9	75.9	76.9	77.9	78.6	78.6	78.6	78.9	78.9	78.9
GE 1200	18.7	50.8	57.9	70.2	75.6	79.9	82.3	84.3	85.3	86.3	87.0	87.0	87.0	87.3	87.3	87.3
GE 1000	18.7	50.8	58.5	72.2	78.6	83.3	86.3	88.6	89.6	90.6	91.3	91.6	92.0	92.0	92.0	92.0
GE 900	19.1	51.8	59.5	73.2	79.9	84.6	87.6	90.0	91.6	92.6	93.3	93.6	94.0	94.0	94.0	94.0
GE 800	19.1	52.8	60.5	74.6	81.3	86.0	89.0	91.6	93.6	94.6	95.3	95.7	96.0	96.0	96.0	96.0
GE 700	19.1	52.8	60.9	75.3	82.3	87.3	90.3	93.0	95.3	96.3	97.0	97.3	97.7	97.7	97.7	97.7
GE 600	19.1	53.2	61.2	75.9	83.3	88.3	91.3	94.0	96.3	97.3	98.0	98.3	98.7	98.7	98.7	98.7
GE 500	19.1	53.2	61.2	75.9	83.3	88.3	91.3	94.0	96.3	97.3	98.0	98.3	98.7	98.7	98.7	98.7
GE 400	19.1	53.2	61.2	76.3	83.9	89.0	92.0	94.6	97.0	98.0	98.7	99.0	99.3	99.3	99.3	99.3
GE 300	19.1	53.2	61.2	76.3	83.9	89.0	92.0	94.6	97.0	98.0	98.7	99.0	99.3	99.3	99.3	99.3
GE 200	19.1	53.2	61.2	76.3	83.9	89.0	92.0	94.6	97.0	98.0	98.7	99.0	99.3	99.3	99.3	99.3
GE 100	19.1	53.2	61.2	76.3	83.9	89.0	92.0	94.6	97.0	98.0	98.7	99.0	99.3	99.3	99.3	100.0
GE 0	19.1	53.2	61.2	76.3	83.9	89.0	92.0	94.6	97.0	98.0	98.7	99.0	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 249

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURPLY OBSERVATIONS

STATION NUMBER: 2255LC STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS (LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	9.3	18.7	19.7	21.7	23.3	23.7	24.0	24.0	24.0	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.7
GE 20000	10.0	22.3	24.0	27.7	30.0	30.3	30.7	30.7	30.7	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.3
GE 18000	10.0	22.3	24.0	27.7	30.0	30.3	30.7	30.7	30.7	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.3
GE 16000	10.0	22.3	24.0	27.7	30.0	30.3	30.7	30.7	30.7	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.3
GE 14000	10.0	22.3	24.0	27.7	30.0	30.3	30.7	30.7	30.7	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.3
GE 12000	10.0	22.3	24.0	27.7	30.0	30.3	30.7	30.7	30.7	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.3
GE 10000	14.0	34.3	38.3	45.7	50.0	50.7	51.3	51.7	52.0	52.3	52.7	52.7	52.7	52.7	52.7	52.7	53.0
GE 9000	14.0	34.3	38.3	45.7	50.0	50.7	51.3	51.7	52.0	52.3	52.7	52.7	52.7	52.7	52.7	52.7	53.0
GE 8000	14.0	34.3	38.3	45.7	50.0	50.7	51.3	51.7	52.0	52.3	52.7	52.7	52.7	52.7	52.7	52.7	53.0
GE 7000	14.0	34.3	38.3	45.7	50.0	50.7	51.3	51.7	52.0	52.3	52.7	52.7	52.7	52.7	52.7	52.7	53.0
GE 6000	14.0	34.3	38.3	45.7	50.0	50.7	51.3	51.7	52.0	52.3	52.7	52.7	52.7	52.7	52.7	52.7	53.0
GE 5000	14.3	34.7	38.7	46.0	50.3	51.0	51.7	52.0	52.3	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.3
GE 4500	14.3	34.7	38.7	46.0	50.3	51.0	51.7	52.0	52.3	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.3
GE 4000	15.0	35.3	39.3	46.7	51.0	51.7	52.3	52.7	53.0	53.3	53.7	53.7	53.7	53.7	53.7	53.7	54.0
GE 3500	15.0	35.3	39.3	46.7	51.3	52.0	52.7	53.0	53.3	53.7	54.0	54.0	54.0	54.0	54.0	54.0	54.3
GE 3000	15.3	36.7	40.7	48.0	52.7	53.3	54.0	54.3	54.7	55.0	55.3	55.3	55.3	55.3	55.3	55.3	55.7
GE 2500	15.7	39.0	43.3	50.7	55.7	56.3	57.0	57.3	57.7	58.0	58.3	58.3	58.3	58.3	58.3	58.3	58.7
GE 2000	16.3	42.7	47.0	55.3	60.3	61.3	62.0	62.3	62.7	63.0	63.3	63.3	63.3	63.3	63.3	63.3	63.7
GE 1800	17.3	46.3	50.7	60.0	65.3	66.7	67.7	68.0	68.3	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.3
GE 1500	18.3	50.3	54.7	65.3	71.3	73.0	74.0	74.3	74.7	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.7
GE 1200	19.3	55.7	61.3	73.7	80.7	83.0	84.7	85.0	85.3	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.3
GE 1000	19.3	57.3	64.7	79.3	87.0	90.3	92.7	93.3	94.0	94.3	94.7	94.7	94.7	94.7	94.7	94.7	95.0
GE 900	19.3	58.0	65.3	80.0	87.7	91.0	93.3	94.0	94.7	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.7
GE 800	19.7	59.0	66.3	81.0	89.0	92.3	94.7	95.7	96.3	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.3
GE 700	19.3	59.7	67.0	81.7	90.0	93.3	95.7	96.7	97.3	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.3
GE 600	19.3	59.7	67.0	82.0	90.7	94.0	96.3	97.3	98.0	98.3	98.7	98.7	98.7	98.7	98.7	98.7	99.0
GE 500	19.3	59.7	67.0	82.0	90.7	94.0	96.3	97.3	98.0	98.3	98.7	98.7	98.7	98.7	98.7	98.7	99.0
GE 400	19.3	59.7	67.0	82.3	91.3	94.7	97.0	98.0	98.7	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.7
GE 300	19.3	59.7	67.0	82.3	91.3	94.7	97.0	98.0	98.7	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.7
GE 200	19.3	59.7	67.0	82.3	91.3	94.7	97.0	98.0	98.7	99.0	99.3	99.3	99.3	99.3	99.3	99.7	100.0
GE 100	19.3	59.7	67.0	82.3	91.3	94.7	97.0	98.0	98.7	99.0	99.3	99.3	99.3	99.3	99.7	99.7	100.0
GE 0	19.3	59.7	67.0	82.3	91.3	94.7	97.0	98.0	98.7	99.0	99.3	99.3	99.3	99.3	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 300

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 20550 STATION NAME: ANCHORAGE USN

PERIOD OF RECORD: 78-87

MONTH: JAN

HOURS(UTC): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 16	GE 25	GE 40	GE 50	GE 60	GE 70	GE 80	GE 90	GE 100	GE 110	GE 120	GE 130	GE 140	GE 150
NO CEIL	17.4	19.4	21.5	23.4	24.8	24.8	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.7	26.1
GE 2000	12.2	24.1	26.7	30.4	31.0	31.0	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	32.0	32.3
GE 1800	17.2	24.1	26.7	30.4	31.0	31.0	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	32.0	32.3
GE 1600	12.2	24.1	26.7	30.4	31.0	31.0	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	32.0	32.3
GE 1400	12.2	24.1	26.7	30.4	31.0	31.0	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	32.0	32.3
GE 1200	12.2	24.1	26.7	30.4	31.0	31.0	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	32.0	32.3
GE 1000	14.5	33.3	37.3	45.5	47.5	48.5	50.5	50.5	50.5	50.8	50.8	50.8	50.8	50.8	51.2	51.5
GE 900	14.5	33.3	37.3	45.5	47.5	48.5	50.5	50.5	50.5	50.8	50.8	50.8	50.8	50.8	51.2	51.5
GE 800	14.5	33.3	37.3	45.5	47.5	48.5	50.5	50.5	50.5	50.8	50.8	50.8	50.8	50.8	51.2	51.5
GE 700	14.5	33.3	37.3	45.5	47.5	48.5	50.5	50.5	50.5	50.8	50.8	50.8	50.8	50.8	51.2	51.5
GE 600	14.5	33.3	37.3	45.5	47.5	48.5	50.5	50.5	50.5	50.8	50.8	50.8	50.8	50.8	51.2	51.5
GE 500	14.5	33.3	37.3	45.5	47.5	48.5	50.5	50.5	50.5	50.8	50.8	50.8	50.8	50.8	51.2	51.5
GE 400	14.5	33.3	37.3	45.5	47.5	48.5	50.5	50.5	50.5	50.8	50.8	50.8	50.8	50.8	51.2	51.5
GE 350	14.9	33.7	37.6	45.9	47.9	48.8	50.8	50.8	50.8	51.2	51.2	51.2	51.2	51.2	51.5	51.8
GE 300	15.2	34.0	38.0	46.2	48.2	49.2	51.2	51.2	51.2	51.5	51.5	51.5	51.5	51.5	51.8	52.1
GE 250	16.2	37.6	41.6	49.8	51.8	52.8	54.8	54.8	54.8	55.1	55.1	55.1	55.1	55.1	55.4	55.8
GE 200	16.5	35.9	44.2	52.8	55.1	56.1	58.1	58.1	58.1	58.4	58.4	58.4	58.4	58.4	58.7	59.1
GE 180	16.8	41.9	47.2	56.4	59.1	60.4	62.4	62.4	62.4	63.0	63.0	63.0	63.0	63.0	63.4	63.7
GE 150	17.2	47.5	53.6	65.7	68.3	69.6	71.6	71.6	71.9	72.9	72.9	72.9	72.9	72.9	73.3	73.6
GE 120	18.5	52.5	61.4	75.2	79.5	81.2	83.5	83.5	83.8	84.6	84.6	84.6	84.6	84.6	85.1	85.5
GE 100	18.5	55.8	64.7	80.9	86.1	87.8	90.8	90.8	91.1	92.1	92.1	92.1	92.1	92.1	92.4	92.7
GE 90	18.5	56.1	65.0	81.2	86.8	88.4	91.4	92.1	92.4	93.4	93.4	93.4	93.4	93.4	93.7	94.1
GE 80	18.5	56.8	65.7	82.5	88.1	89.8	92.7	93.4	93.7	94.7	94.7	94.7	94.7	94.7	95.0	95.4
GE 70	18.5	57.1	66.0	82.8	88.8	90.8	93.7	94.4	94.7	95.7	95.7	95.7	95.7	95.7	96.0	96.4
GE 60	18.5	57.4	66.3	83.5	89.4	91.7	94.7	95.4	95.7	96.7	96.7	96.7	96.7	96.7	97.0	97.4
GE 50	18.5	57.4	66.3	84.2	90.8	93.1	96.0	96.7	97.0	98.0	98.0	98.0	98.0	98.0	98.3	98.7
GE 40	18.5	57.4	66.3	84.2	90.8	93.1	96.0	96.7	97.0	98.0	98.0	98.0	98.0	98.0	98.3	98.7
GE 30	18.5	57.4	66.3	84.2	91.1	93.4	96.4	97.0	97.4	98.3	98.3	98.3	98.3	98.3	98.7	99.0
GE 20	18.5	57.4	66.3	84.2	91.1	93.4	96.4	97.0	97.4	98.3	98.3	98.3	98.3	98.3	99.0	99.3
GE 10	18.5	57.4	66.3	84.2	91.1	93.4	96.4	97.0	97.4	98.3	98.3	98.3	98.3	98.3	99.0	100.0
GE 0	18.5	57.4	66.3	84.2	91.1	93.4	96.4	97.0	97.4	98.3	98.3	98.3	98.3	98.3	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 303

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	13.7	18.1	19.2	20.7	21.7	22.2	22.8	23.0	23.0	23.1	27.3	23.3	23.5	23.6	23.6	23.7	
GE 20000	12.2	22.7	24.3	26.9	28.4	29.1	29.9	30.2	30.2	30.4	30.6	30.6	30.8	31.0	31.0	31.0	
GE 18000	12.2	22.7	24.3	26.9	28.4	29.1	29.9	30.2	30.2	30.4	30.6	30.6	30.8	31.0	31.0	31.0	
GE 16000	12.2	22.7	24.3	26.9	28.4	29.1	29.9	30.2	30.2	30.4	30.6	30.6	30.8	31.0	31.0	31.0	
GE 14000	12.2	22.7	24.3	26.9	28.4	29.1	29.9	30.2	30.2	30.4	30.6	30.6	30.8	31.0	31.0	31.0	
GE 12000	12.2	22.7	24.3	26.9	28.4	29.1	29.9	30.2	30.2	30.4	30.6	30.6	30.8	31.0	31.0	31.0	
GE 10000	15.5	33.3	37.1	43.4	46.8	48.3	49.6	50.3	50.4	50.8	51.4	51.4	51.7	51.8	51.8	51.9	
GE 9000	15.5	33.3	37.1	43.4	46.8	48.3	49.6	50.3	50.4	50.8	51.4	51.4	51.7	51.8	51.8	51.9	
GE 8000	15.5	33.3	37.1	43.4	46.8	48.3	49.6	50.3	50.4	50.8	51.4	51.4	51.7	51.8	51.8	51.9	
GE 7000	15.5	33.3	37.2	43.6	46.9	48.4	49.7	50.4	50.6	50.9	51.5	51.5	51.8	52.0	52.0	52.1	
GE 6000	15.5	33.3	37.2	43.6	46.9	48.4	49.7	50.4	50.6	50.9	51.5	51.5	51.8	52.0	52.0	52.1	
GE 5000	15.6	33.4	37.3	43.7	47.1	48.6	49.9	50.6	50.7	51.1	51.7	51.7	52.0	52.1	52.1	52.2	
GE 4500	15.7	33.6	37.5	43.9	47.3	48.8	50.1	50.8	51.0	51.3	51.9	51.9	52.2	52.3	52.3	52.4	
GE 4000	15.8	33.8	37.7	44.4	47.8	49.3	50.6	51.3	51.5	51.8	52.4	52.4	52.7	52.9	52.9	52.9	
GE 3500	16.0	34.2	38.1	44.8	48.3	49.8	51.0	51.8	51.9	52.3	52.9	52.9	53.2	53.3	53.3	53.4	
GE 3000	16.2	34.6	38.8	45.4	48.9	50.4	51.7	52.4	52.6	52.9	53.5	53.5	53.8	54.0	54.0	54.0	
GE 2500	16.9	36.3	40.7	47.7	51.2	52.7	54.0	54.7	54.9	55.2	55.9	55.9	56.1	56.3	56.3	56.4	
GE 2000	17.8	39.4	44.0	51.4	55.1	56.7	58.0	58.7	58.9	59.2	59.8	59.8	60.1	60.3	60.3	60.3	
GE 1800	18.2	41.8	47.0	55.1	59.2	61.0	62.4	63.1	63.3	63.7	64.4	64.4	64.6	64.8	64.8	64.9	
GE 1500	19.1	46.0	52.1	61.0	66.4	68.7	70.1	71.0	71.4	71.8	72.6	72.6	72.9	73.0	73.0	73.1	
GE 1200	20.1	51.2	58.9	70.7	76.6	79.8	81.8	82.7	83.3	83.6	84.7	84.7	84.9	85.1	85.1	85.2	
GE 1000	20.4	52.8	61.3	74.7	81.5	85.2	87.6	88.7	89.4	90.1	91.0	91.0	91.3	91.5	91.5	91.5	
GE 900	20.5	53.4	62.1	76.0	83.0	86.8	89.1	90.4	91.2	92.0	92.8	92.9	93.2	93.3	93.3	93.4	
GE 800	20.5	54.0	62.7	77.0	84.1	87.9	90.2	91.7	92.5	93.3	94.2	94.3	94.6	94.8	94.8	94.9	
GE 700	20.7	54.5	63.4	77.9	85.4	89.3	91.7	93.2	94.1	95.0	95.9	96.0	96.4	96.5	96.5	96.6	
GE 600	20.7	54.8	63.8	78.6	86.2	90.2	92.6	94.2	95.1	96.0	97.0	97.1	97.5	97.7	97.7	97.8	
GE 500	20.7	55.1	64.1	79.0	86.9	90.9	93.3	94.9	95.8	96.7	97.7	97.8	98.2	98.4	98.4	98.5	
GE 400	20.7	55.1	64.3	79.2	87.2	91.2	93.6	95.2	96.1	97.0	98.0	98.1	98.5	98.7	98.7	98.8	
GE 300	20.7	55.1	64.3	79.2	87.2	91.2	93.7	95.3	96.2	97.2	98.1	98.2	98.6	98.8	98.8	98.9	
GE 200	20.7	55.1	64.3	79.2	87.2	91.2	93.7	95.3	96.2	97.2	98.1	98.2	98.8	99.4	99.4	99.5	
GE 100	20.7	55.1	64.3	79.2	87.2	91.2	93.7	95.3	96.3	97.2	98.1	98.3	98.9	99.5	99.6	100.0	
GE 0	20.7	55.1	64.3	79.2	87.2	91.2	93.7	95.3	96.3	97.2	98.1	98.3	98.9	99.5	99.6	100.0	

TOTAL NUMBER OF OBSERVATIONS: 2365

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(IST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	13.6	22.8	25.0	26.5	26.5	27.2	27.2	27.6	27.9	27.9	29.7	28.7	29.7	28.7	28.7	28.7
GE 20000	14.3	25.7	27.9	29.8	29.8	30.5	30.5	30.9	31.6	31.6	32.4	32.4	32.4	32.4	32.4	32.4
GE 18000	14.3	25.7	27.9	29.8	29.8	30.5	30.5	30.9	31.6	31.6	32.4	32.4	32.4	32.4	32.4	32.4
GE 16000	14.3	25.7	27.9	29.8	29.8	30.5	30.5	30.9	31.6	31.6	32.4	32.4	32.4	32.4	32.4	32.4
GE 14000	14.3	25.7	27.9	29.8	29.8	30.5	30.5	30.9	31.6	31.6	32.4	32.4	32.4	32.4	32.4	32.4
GE 12000	14.3	25.7	27.9	29.8	29.8	30.5	30.5	30.9	31.6	31.6	32.4	32.4	32.4	32.4	32.4	32.4
GE 10000	19.5	42.3	46.0	50.7	52.2	54.0	54.0	54.8	55.5	55.9	56.6	56.6	57.0	57.0	57.0	57.0
GE 9000	19.5	42.3	46.0	50.7	52.2	54.0	54.0	54.8	55.5	55.9	56.6	56.6	57.0	57.0	57.0	57.0
GE 8000	19.5	42.3	46.0	50.7	52.2	54.0	54.0	54.8	55.5	55.9	56.6	56.6	57.0	57.0	57.0	57.0
GE 7000	19.5	42.3	46.0	50.7	52.2	54.0	54.0	54.8	55.5	55.9	56.6	56.6	57.0	57.0	57.0	57.0
GE 6000	19.5	42.3	46.0	50.7	52.2	54.0	54.0	54.8	55.5	55.9	56.6	56.6	57.0	57.0	57.0	57.0
GE 5000	19.5	42.3	46.0	50.7	52.2	54.0	54.0	54.8	55.5	55.9	56.6	56.6	57.0	57.0	57.0	57.0
GE 4500	19.5	42.3	46.0	50.7	52.2	54.0	54.0	54.8	55.5	55.9	56.6	56.6	57.0	57.0	57.0	57.0
GE 4000	19.5	42.3	46.0	50.7	52.2	54.0	54.0	54.8	55.5	55.9	56.6	56.6	57.0	57.0	57.0	57.0
GE 3500	19.5	41.0	46.7	51.5	52.9	54.8	54.8	55.5	56.3	56.6	57.4	57.4	57.7	57.7	57.7	57.7
GE 3000	19.9	43.8	47.4	52.6	54.0	55.9	55.9	56.6	57.4	57.7	58.5	58.5	58.8	58.8	58.8	58.8
GE 2500	20.6	45.2	49.3	54.8	56.3	58.5	58.5	59.2	59.9	60.3	61.0	61.0	61.4	61.4	61.4	61.4
GE 2000	21.7	48.9	52.9	59.6	61.0	63.2	63.2	64.0	64.7	65.1	65.8	65.8	66.2	66.2	66.2	66.2
GE 1800	22.4	50.4	54.4	61.4	63.2	65.4	65.4	66.2	66.9	67.3	68.0	68.0	68.4	68.4	68.4	68.4
GE 1500	22.4	52.2	57.0	66.2	68.8	71.0	71.3	72.1	72.8	73.2	73.9	73.9	74.3	74.3	74.3	74.3
GE 1200	23.5	54.0	64.3	77.2	80.5	83.8	84.2	85.3	86.0	86.4	87.1	87.1	87.5	87.5	87.5	87.5
GE 1000	23.9	62.5	68.0	81.6	85.3	88.6	89.0	90.8	91.5	91.9	92.6	92.6	93.0	93.0	93.0	93.0
GE 900	23.9	63.6	69.1	83.5	87.1	90.8	91.5	93.4	94.1	94.5	95.2	95.2	95.6	95.6	95.6	95.6
GE 800	23.9	63.6	69.1	83.5	87.5	91.9	92.6	94.5	95.2	95.6	96.3	96.3	96.7	96.7	96.7	96.7
GE 700	23.9	63.6	69.1	83.8	88.2	92.6	93.4	95.2	96.3	96.7	97.4	97.4	97.8	97.8	97.8	97.8
GE 600	23.9	63.6	69.1	83.8	88.6	93.0	94.1	96.0	97.4	97.8	98.5	98.5	98.9	98.9	98.9	98.9
GE 500	23.9	63.6	69.1	83.8	88.6	93.0	94.1	96.0	97.4	97.8	98.5	98.5	98.9	98.9	98.9	98.9
GE 400	23.9	63.6	69.1	83.8	88.6	93.0	94.1	96.0	97.4	97.8	98.5	98.5	98.9	98.9	98.9	98.9
GE 300	23.9	63.6	69.1	83.8	88.6	93.0	94.1	96.0	97.4	97.8	98.5	98.5	98.9	98.9	98.9	98.9
GE 200	23.9	63.6	69.1	83.8	88.6	93.0	94.1	96.0	97.4	97.8	98.5	98.5	98.9	98.9	98.9	98.9
GE 100	23.9	63.6	69.1	83.8	88.6	93.0	94.1	96.0	97.4	97.8	98.5	98.5	98.9	98.9	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 272

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS (LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	11.1	21.8	25.1	26.9	26.9	26.9	26.9	27.3	27.3	27.3	28.0	28.0	28.0	28.0	28.0	28.0
GE 20000	13.3	25.8	29.9	31.7	32.1	32.5	32.5	32.8	32.8	32.8	33.6	33.6	33.6	33.9	33.9	33.9
GE 18000	13.3	25.8	29.9	31.7	32.1	32.5	32.5	32.8	32.8	32.8	33.6	33.6	33.6	33.9	33.9	33.9
GE 16000	13.3	25.8	29.9	31.7	32.1	32.5	32.5	32.8	32.8	32.8	33.6	33.6	33.6	33.9	33.9	33.9
GE 14000	13.3	25.8	29.9	31.7	32.1	32.5	32.5	32.8	32.8	32.8	33.6	33.6	33.6	33.9	33.9	33.9
GE 12000	13.3	25.8	29.9	31.7	32.1	32.5	32.5	32.8	32.8	32.8	33.6	33.6	33.6	33.9	33.9	33.9
GE 10000	18.5	38.0	44.3	48.7	50.9	53.1	53.5	53.9	53.9	53.9	54.6	54.6	54.6	55.0	55.4	55.4
GE 9000	18.5	38.0	44.3	48.7	50.9	53.1	53.5	53.9	53.9	53.9	54.6	54.6	54.6	55.0	55.4	55.4
GE 8000	18.5	38.0	44.3	48.7	50.9	53.1	53.5	53.9	53.9	53.9	54.6	54.6	54.6	55.0	55.4	55.4
GE 7000	18.5	38.0	44.3	48.7	50.9	53.1	53.5	53.9	53.9	53.9	54.6	54.6	54.6	55.0	55.4	55.4
GE 6000	18.5	38.0	44.3	48.7	50.9	53.1	53.5	53.9	53.9	53.9	54.6	54.6	54.6	55.0	55.4	55.4
GE 5000	18.5	38.4	44.6	49.1	51.3	53.5	53.9	54.2	54.2	54.2	55.0	55.0	55.0	55.4	55.7	55.7
GE 4500	18.5	38.4	44.6	49.1	51.3	53.5	53.9	54.2	54.2	54.2	55.0	55.0	55.0	55.4	55.7	55.7
GE 4000	18.5	39.1	45.4	49.8	52.0	54.2	54.6	55.0	55.0	55.0	55.7	55.7	55.7	56.1	56.5	56.5
GE 3500	18.5	39.1	45.4	49.8	52.0	54.2	54.6	55.0	55.0	55.0	55.7	55.7	55.7	56.1	56.5	56.5
GE 3000	19.2	39.9	46.5	50.9	53.1	55.4	55.7	56.1	56.1	56.1	56.8	56.8	56.8	57.2	57.6	57.6
GE 2500	19.9	42.8	49.8	54.2	56.5	58.7	59.0	59.4	59.4	59.4	60.1	60.1	60.1	60.9	61.3	61.3
GE 2000	20.7	45.8	52.8	59.0	61.3	63.5	63.8	64.2	64.2	64.2	64.9	64.9	64.9	65.3	65.7	65.7
GE 1800	21.4	47.2	54.6	61.3	63.8	66.1	66.4	66.8	66.8	66.8	67.5	67.5	67.5	67.9	68.3	68.3
GE 1500	22.5	50.6	58.7	65.7	69.3	71.2	72.0	72.7	72.7	72.7	73.4	73.4	73.4	73.8	74.2	74.2
GE 1200	24.0	56.1	66.4	76.8	81.5	83.8	84.9	85.6	86.3	86.3	87.1	87.1	87.1	87.5	87.8	87.8
GE 1000	24.7	57.9	69.7	81.5	86.7	90.0	91.9	92.6	93.7	94.1	94.8	94.8	94.8	95.2	95.6	95.6
GE 900	24.7	57.9	69.7	81.5	86.7	90.0	91.9	92.6	93.7	94.1	94.8	94.8	94.8	95.2	95.6	95.6
GE 800	24.7	57.9	70.1	82.3	87.5	91.1	93.0	93.7	94.8	95.2	95.9	95.9	95.9	96.3	96.7	96.7
GE 700	24.7	59.0	71.2	83.4	88.6	92.3	94.1	94.8	95.9	96.3	97.0	97.0	97.0	97.4	97.8	97.8
GE 600	24.7	59.0	71.2	83.4	88.6	92.3	94.1	94.8	95.9	96.7	97.0	97.0	97.0	97.8	98.2	98.2
GE 500	24.7	59.0	71.2	83.4	88.6	92.3	94.1	94.8	95.9	96.7	97.0	97.0	97.0	97.8	98.2	98.2
GE 400	24.7	59.0	71.2	83.4	88.6	92.3	94.1	94.8	95.9	96.7	97.0	97.0	97.0	97.8	98.2	98.2
GE 300	24.7	59.0	71.2	83.4	88.6	92.3	94.1	94.8	95.9	96.7	97.0	97.0	97.0	97.8	98.2	98.2
GE 200	24.7	59.0	71.2	83.4	88.6	92.3	94.1	94.8	95.9	96.7	97.0	97.0	97.0	97.8	98.2	98.2
GE 100	24.7	59.0	71.2	83.4	88.6	92.3	94.1	94.8	95.9	96.7	97.0	97.0	97.0	97.8	98.2	98.2
GE 0	24.7	59.0	71.2	83.4	88.6	92.3	94.1	94.8	95.9	96.7	97.0	97.0	97.0	97.8	98.2	98.2

TOTAL NUMBER OF OBSERVATIONS: 271

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	5.3	20.9	22.0	23.5	23.9	24.6	24.6	24.6	25.0	25.0	25.0	25.0	25.0	25.0	25.4	25.4
GE 20000	12.7	25.4	26.9	29.1	29.9	30.6	30.6	30.6	31.3	31.3	31.7	31.7	31.7	31.7	32.1	32.1
GE 18000	12.7	25.4	26.9	29.1	29.9	30.6	30.6	30.6	31.3	31.3	31.7	31.7	31.7	31.7	32.1	32.1
GE 16000	12.7	25.4	26.9	29.1	29.9	30.6	30.6	30.6	31.3	31.3	31.7	31.7	31.7	31.7	32.1	32.1
GE 14000	12.7	25.4	26.9	29.1	29.9	30.6	30.6	30.6	31.3	31.3	31.7	31.7	31.7	31.7	32.1	32.1
GE 12000	12.7	25.4	26.9	29.1	29.9	30.6	30.6	30.6	31.3	31.3	31.7	31.7	31.7	31.7	32.1	32.1
GE 10000	17.5	37.3	39.6	45.9	47.8	49.6	50.0	50.0	50.7	50.7	51.5	51.5	51.5	51.5	51.9	51.9
GE 9000	17.5	37.3	39.6	45.9	47.8	49.6	50.0	50.0	50.7	50.7	51.5	51.5	51.5	51.5	51.9	51.9
GE 8000	17.5	37.3	39.6	45.9	47.8	49.6	50.0	50.0	50.7	50.7	51.5	51.5	51.5	51.5	51.9	51.9
GE 7000	17.5	37.3	39.6	45.9	47.8	49.6	50.0	50.0	50.7	50.7	51.5	51.5	51.5	51.5	51.9	51.9
GE 6000	17.5	37.3	39.6	45.9	47.8	49.6	50.0	50.0	50.7	50.7	51.5	51.5	51.5	51.5	51.9	51.9
GE 5000	17.5	37.3	39.6	45.9	47.8	49.6	50.0	50.0	50.7	50.7	51.5	51.5	51.5	51.5	51.9	51.9
GE 4500	17.9	38.1	40.3	46.6	48.5	50.4	51.7	50.7	51.5	51.5	52.2	52.2	52.2	52.2	52.6	52.6
GE 4000	17.9	38.4	40.7	47.0	48.9	50.7	51.1	51.1	51.9	51.9	52.6	52.6	52.6	52.6	53.0	53.0
GE 3500	18.3	39.9	42.2	48.5	50.4	52.2	52.6	52.6	53.4	53.4	54.1	54.1	54.1	54.1	54.5	54.5
GE 3000	18.3	39.9	42.2	48.9	50.7	52.6	53.0	53.0	53.7	53.7	54.5	54.5	54.5	54.5	54.9	54.9
GE 2500	18.7	40.3	42.9	49.6	51.9	53.7	54.1	54.1	54.9	54.9	55.6	55.6	55.6	55.6	56.0	56.0
GE 2000	19.6	44.4	47.4	55.2	57.8	60.1	60.4	60.4	61.2	61.2	61.9	61.9	61.9	61.9	62.3	62.3
GE 1800	20.1	46.3	49.6	57.8	61.2	63.4	63.8	63.8	64.6	64.6	65.3	65.3	65.3	65.3	65.7	65.7
GE 1500	20.9	50.7	54.9	64.9	68.7	70.9	71.3	71.6	72.4	72.4	73.1	73.1	73.1	73.1	73.5	73.5
GE 1200	23.1	60.1	64.9	76.9	82.1	85.1	85.8	86.9	87.7	87.7	88.4	88.4	88.4	88.4	88.8	88.8
GE 1000	23.1	60.8	66.5	79.9	86.9	89.9	91.0	92.5	93.3	93.3	94.0	94.0	94.0	94.0	94.4	94.4
GE 900	23.1	61.2	67.2	80.2	87.3	90.3	91.4	92.9	93.7	93.7	94.4	94.4	94.4	94.4	94.8	94.8
GE 800	23.1	62.3	68.3	81.3	88.8	91.6	92.9	94.4	95.5	95.5	96.3	96.3	96.3	96.3	96.6	96.6
GE 700	23.1	62.7	69.4	82.1	89.6	92.5	94.0	95.9	97.0	97.0	97.8	97.8	97.8	97.8	98.1	98.1
GE 600	23.1	62.7	69.4	82.5	89.9	92.9	94.4	96.3	97.4	97.4	98.1	98.1	98.1	98.1	98.5	98.5
GE 500	23.1	62.7	69.4	82.5	89.9	92.9	94.4	96.3	97.4	97.4	98.1	98.1	98.1	98.1	98.5	98.5
GE 400	23.1	62.7	69.4	82.5	89.9	92.9	94.4	96.3	97.4	97.4	98.1	98.1	98.1	98.1	98.5	98.5
GE 300	23.1	62.7	69.4	82.5	89.9	92.9	94.4	96.3	97.4	97.4	98.1	98.1	98.1	98.1	98.5	98.5
GE 200	23.1	62.7	69.4	82.5	89.9	92.9	94.4	96.3	97.4	97.4	98.1	98.1	98.1	98.1	98.5	98.5
GE 100	23.1	62.7	69.4	82.5	89.9	92.9	94.4	96.3	97.4	97.4	98.1	98.1	98.1	98.1	98.5	98.5
GE 0	23.1	62.7	69.4	82.5	89.9	92.9	94.4	96.3	97.4	97.4	98.1	98.1	98.1	98.1	98.5	98.5

TOTAL NUMBER OF OBSERVATIONS: 268

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(IST): 0900-1100

CEILING		VISIBILITY IN STATUTE MILES																
IN FEET	1	GE 10	GE 6	GF 5	GE 4	GE 3	2 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GF 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	1	6.5	11.4	12.6	13.4	13.4	13.4	13.8	13.8	13.8	14.2	14.6	14.6	14.6	14.6	14.6	15.0	
GE 20000	17.6	19.1	20.7	22.0	22.4	22.8	23.2	23.6	23.6	23.6	24.0	24.8	24.8	24.8	24.8	24.8	25.2	
GE 18000	10.6	19.1	20.7	22.0	22.4	22.8	23.2	23.6	23.6	23.6	24.0	24.8	24.8	24.8	24.8	24.8	25.2	
GE 16000	10.6	19.1	20.7	22.0	22.4	22.8	23.2	23.6	23.6	23.6	24.0	24.8	24.8	24.8	24.8	24.8	25.2	
GE 14000	10.6	19.1	20.7	22.0	22.4	22.8	23.2	23.6	23.6	23.6	24.0	24.8	24.8	24.8	24.8	24.8	25.2	
GE 12000	10.6	19.1	20.7	22.0	22.4	22.8	23.2	23.6	23.6	23.6	24.0	24.8	24.8	24.8	24.8	24.8	25.2	
GE 10000	16.3	34.1	38.6	44.3	45.1	47.2	48.0	48.8	49.2	50.0	50.8	50.8	50.8	50.8	50.8	50.8	51.2	
GE 9000	16.3	34.1	38.6	44.3	45.1	47.2	48.0	48.8	49.2	50.0	50.8	50.8	50.8	50.8	50.8	50.8	51.2	
GE 8000	16.3	34.1	38.6	44.3	45.1	47.2	48.0	48.8	49.2	50.0	50.8	50.8	50.8	50.8	50.8	50.8	51.2	
GE 7000	16.3	34.1	38.6	44.3	45.1	47.2	48.0	48.8	49.2	50.0	50.8	50.8	50.8	50.8	50.8	50.8	51.2	
GE 6000	16.3	34.1	38.6	44.3	45.1	47.2	48.0	48.8	49.2	50.0	50.8	50.8	50.8	50.8	50.8	50.8	51.2	
GE 5000	16.3	34.1	38.6	44.3	45.1	47.2	48.0	48.8	49.2	50.0	50.8	50.8	50.8	50.8	50.8	50.8	51.2	
GE 4500	16.3	34.1	38.6	44.3	45.1	47.2	48.0	48.8	49.2	50.0	50.8	50.8	50.8	50.8	50.8	50.8	51.2	
GE 4000	16.7	34.6	39.0	44.7	45.5	47.6	48.4	49.2	49.6	50.4	51.2	51.2	51.2	51.2	51.2	51.2	51.6	
GE 3500	16.7	34.6	39.0	44.7	45.5	47.6	48.4	49.2	49.6	50.4	51.2	51.2	51.2	51.2	51.2	51.2	51.6	
GE 3000	17.1	35.4	39.8	45.9	46.7	48.8	49.6	50.4	50.8	51.6	52.4	52.4	52.4	52.4	52.4	52.4	52.8	
GE 2500	17.9	36.6	41.5	47.6	48.4	50.4	51.2	52.0	52.4	53.3	54.1	54.1	54.1	54.1	54.1	54.1	54.5	
GE 2000	18.7	38.6	43.5	50.8	52.8	54.9	56.5	57.7	58.1	58.9	59.8	59.8	59.8	59.8	59.8	59.8	60.2	
GE 1800	19.5	41.9	47.2	54.5	56.9	58.9	60.6	61.8	62.2	63.0	63.8	63.8	63.8	63.8	63.8	63.8	64.2	
GE 1600	20.3	44.7	50.4	58.5	61.4	63.8	65.4	67.1	67.5	68.3	69.1	69.1	69.1	69.1	69.1	69.1	69.5	
GE 1400	21.5	51.2	58.9	69.9	76.0	79.7	81.3	83.7	84.6	85.4	86.2	86.2	86.2	86.2	86.2	86.2	86.6	
GE 1200	22.0	53.7	61.4	73.2	79.7	84.6	86.2	88.6	89.8	90.7	92.3	92.3	92.3	92.3	92.3	92.3	92.7	
GE 1000	22.4	54.1	61.8	73.6	80.5	85.4	87.0	89.4	91.1	92.3	93.9	93.9	93.9	94.3	94.3	94.3	94.7	
GE 800	22.4	54.1	61.8	73.6	80.9	85.8	87.4	90.2	91.9	93.1	94.7	94.7	94.7	95.1	95.1	95.1	95.5	
GE 700	22.4	54.9	63.4	75.2	82.5	88.2	89.8	92.7	94.3	95.5	97.2	97.2	97.2	97.6	97.6	97.6	98.0	
GE 600	22.4	54.9	63.4	75.2	82.5	88.2	89.8	92.7	94.3	95.5	97.2	97.2	97.2	97.6	97.6	97.6	98.0	
GE 500	22.4	54.9	63.4	75.2	82.5	88.2	89.8	92.7	94.3	95.5	97.2	97.2	97.2	97.6	97.6	97.6	98.0	
GE 400	22.4	54.9	63.4	75.2	82.5	88.2	89.8	92.7	94.3	95.5	97.2	97.2	97.2	97.6	97.6	97.6	98.0	
GE 300	22.4	54.9	63.4	75.2	82.5	88.2	89.8	92.7	94.3	95.5	97.2	97.2	97.2	97.6	97.6	97.6	98.0	
GE 200	22.4	54.9	63.4	75.2	82.5	88.2	89.8	92.7	94.3	95.5	97.2	97.2	97.2	97.6	97.6	97.6	98.0	
GE 100	22.4	54.9	63.4	75.2	82.5	88.2	89.8	92.7	94.3	95.5	97.2	97.2	97.2	97.6	97.6	97.6	98.0	
GE 0	22.4	54.9	63.4	75.2	82.5	88.2	89.8	92.7	94.3	95.5	97.2	97.2	97.2	97.6	97.6	97.6	98.0	

TOTAL NUMBER OF OBSERVATIONS: 246

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS (LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	11.9	19.1	19.4	21.2	23.0	23.0	24.5	24.8	24.8	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
GE 20000	15.1	26.6	28.4	31.3	33.1	33.1	34.5	35.3	35.3	36.0	36.3	36.3	36.3	36.3	36.3	36.3	36.3
GE 18000	15.1	26.6	28.4	31.3	33.1	33.1	34.5	35.3	35.3	36.0	36.3	36.3	36.3	36.3	36.3	36.3	36.3
GE 16000	15.1	26.6	28.4	31.3	33.1	33.1	34.5	35.3	35.3	36.0	36.3	36.3	36.3	36.3	36.3	36.3	36.3
GE 14000	15.1	26.6	28.4	31.3	33.1	33.1	34.5	35.3	35.3	36.0	36.3	36.3	36.3	36.3	36.3	36.3	36.3
GE 12000	15.1	26.6	28.4	31.3	33.1	33.1	34.5	35.3	35.3	36.0	36.3	36.3	36.3	36.3	36.3	36.3	36.3
GE 10000	21.2	43.9	48.9	58.6	62.2	63.3	65.1	67.3	67.6	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 9000	21.2	43.9	48.9	58.6	62.2	63.3	65.1	67.3	67.6	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 8000	21.2	43.9	48.9	58.6	62.2	63.3	65.1	67.3	67.6	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 7000	21.2	43.9	48.9	58.6	62.2	63.3	65.1	67.3	67.6	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 6000	21.2	43.9	48.9	58.6	62.2	63.3	65.1	67.3	67.6	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 5000	21.2	43.9	48.9	58.6	62.2	63.3	65.1	67.3	67.6	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 4500	21.2	43.9	48.9	58.6	62.2	63.3	65.1	67.3	67.6	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 4000	21.6	44.2	49.2	59.0	62.6	63.7	65.5	67.6	68.0	69.4	69.6	69.8	69.8	69.8	70.1	70.1	70.1
GE 3500	21.9	44.6	49.6	59.4	62.9	64.0	65.8	68.0	68.3	69.8	70.1	70.1	70.1	70.1	70.5	70.5	70.5
GE 3000	21.9	45.3	50.4	60.1	63.7	64.7	66.5	68.7	69.1	70.5	70.9	70.9	70.9	70.9	71.2	71.2	71.2
GE 2500	22.7	46.0	51.4	61.2	65.5	66.5	68.3	70.5	70.9	72.3	72.7	72.7	72.7	72.7	73.0	73.0	73.0
GE 2000	22.7	45.3	54.7	65.1	69.6	70.9	72.7	75.2	75.5	77.0	77.3	77.3	77.3	77.3	77.7	77.7	77.7
GE 1800	23.0	50.0	55.4	66.9	71.9	73.0	74.6	77.3	77.7	79.1	79.5	79.5	79.5	79.5	79.9	79.9	79.9
GE 1500	23.0	52.2	59.2	70.5	75.5	76.6	78.4	80.9	81.3	83.1	83.5	83.5	83.5	83.5	83.8	83.8	83.8
GE 1200	24.1	55.6	62.2	74.0	80.9	83.1	85.6	88.5	89.2	92.4	92.8	92.8	92.8	92.8	93.2	93.2	93.2
GE 1000	24.1	56.6	64.0	78.4	85.3	87.4	89.9	92.8	93.5	97.1	97.5	97.5	97.5	97.5	97.8	97.8	97.8
GE 900	24.1	57.2	64.4	78.8	85.6	87.8	90.3	93.2	93.9	97.5	97.8	97.8	97.8	97.8	98.2	98.2	98.2
GE 800	24.5	57.6	64.7	79.1	86.0	88.1	90.6	93.5	94.2	98.2	98.6	98.6	98.6	98.6	98.9	98.9	98.9
GE 700	24.5	57.6	64.7	79.1	86.3	88.5	91.0	93.9	94.6	98.6	98.9	98.9	98.9	98.9	99.3	99.3	99.3
GE 600	24.5	57.6	64.7	79.1	86.3	88.5	91.0	93.9	94.6	98.6	98.9	98.9	98.9	98.9	99.3	99.3	99.3
GE 500	24.5	57.6	64.7	79.1	86.3	88.5	91.0	93.9	94.6	98.6	98.9	98.9	98.9	98.9	99.3	99.3	99.3
GE 400	24.5	57.6	64.7	79.1	86.3	88.5	91.0	93.9	94.6	98.6	98.9	98.9	98.9	98.9	99.3	99.3	99.3
GE 300	24.5	57.6	64.7	79.1	86.3	88.5	91.0	93.9	94.6	98.6	98.9	98.9	98.9	98.9	99.3	99.3	99.3
GE 200	24.5	57.6	64.7	79.1	86.3	88.5	91.0	93.9	94.6	98.6	98.9	98.9	98.9	98.9	99.3	99.3	99.3
GE 100	24.5	57.6	64.7	79.1	86.3	88.5	91.0	93.9	94.6	98.6	98.9	98.9	98.9	98.9	99.3	99.3	100.0
GE 0	24.5	57.6	64.7	79.1	86.3	88.5	91.0	93.9	94.6	98.6	98.9	98.9	98.9	98.9	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 278

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS (LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11	GE 12	GE 13	GE 14	GE 15	GE 16
NO CEIL	12.2	20.7	21.5	23.0	23.3	23.3	24.1	24.1	24.4	24.8	25.2	25.2	25.2	25.2	25.2	25.2
GE 20000	17.4	31.1	32.6	34.4	34.8	35.2	36.3	36.3	36.7	37.0	37.4	37.4	37.4	37.4	37.4	37.4
GE 18000	17.4	31.1	32.6	34.4	34.8	35.2	36.3	36.3	36.7	37.0	37.4	37.4	37.4	37.4	37.4	37.4
GE 16000	17.4	31.1	32.6	34.4	34.8	35.2	36.3	36.3	36.7	37.0	37.4	37.4	37.4	37.4	37.4	37.4
GE 14000	17.4	31.1	32.6	34.4	34.8	35.2	36.3	36.3	36.7	37.0	37.4	37.4	37.4	37.4	37.4	37.4
GE 12000	17.4	31.1	32.6	34.4	34.8	35.2	36.3	36.3	36.7	37.0	37.4	37.4	37.4	37.4	37.4	37.4
GE 10000	25.9	50.7	54.8	61.1	65.2	65.9	67.0	67.4	68.1	68.5	68.9	68.9	68.9	68.9	68.9	68.9
GE 9000	25.9	50.7	54.8	61.1	65.2	65.9	67.0	67.4	68.1	68.5	68.9	68.9	68.9	68.9	68.9	68.9
GE 8000	26.3	51.1	55.2	61.5	65.6	66.3	67.4	67.8	68.5	68.9	69.3	69.3	69.3	69.3	69.3	69.3
GE 7000	26.3	51.1	55.2	61.5	65.6	66.3	67.4	67.8	68.5	68.9	69.3	69.3	69.3	69.3	69.3	69.3
GE 6000	26.3	51.1	55.2	61.5	65.6	66.3	67.4	67.8	68.5	68.9	69.3	69.3	69.3	69.3	69.3	69.3
GE 5000	26.3	51.1	55.2	61.5	65.6	66.3	67.4	67.8	68.5	68.9	69.3	69.3	69.3	69.3	69.3	69.3
GE 4500	26.3	51.1	55.2	61.5	65.6	66.3	67.4	67.8	68.5	68.9	69.3	69.3	69.3	69.3	69.3	69.3
GE 4000	27.0	51.9	55.9	62.2	66.3	67.0	68.1	68.5	69.3	69.6	70.0	70.0	70.0	70.0	70.0	70.0
GE 3500	27.8	52.6	56.7	63.0	67.0	67.8	68.9	69.3	70.0	70.4	70.7	70.7	70.7	70.7	70.7	70.7
GE 3000	27.8	52.6	56.7	63.0	67.0	67.8	68.9	69.3	70.0	70.4	70.7	70.7	70.7	70.7	70.7	70.7
GE 2500	28.5	54.8	58.9	65.2	69.3	70.0	71.1	71.5	72.6	73.0	73.3	73.3	73.3	73.3	73.3	73.3
GE 2000	28.9	56.3	60.7	67.4	71.9	72.6	73.7	74.1	75.2	75.9	76.3	76.3	76.3	76.3	76.3	76.3
GE 1800	29.6	58.1	63.0	70.0	75.2	75.9	77.0	77.4	78.5	79.3	79.6	79.6	79.6	79.6	79.6	79.6
GE 1500	30.7	62.2	67.0	74.4	80.0	81.1	82.2	83.0	84.1	84.8	85.2	85.2	85.2	85.2	85.2	85.2
GE 1200	31.1	65.2	70.0	80.4	87.0	88.9	90.0	91.1	92.6	94.1	94.4	94.4	94.8	94.8	94.8	94.8
GE 1000	31.1	66.3	71.1	82.2	88.9	90.7	91.9	93.0	94.4	96.3	96.7	96.7	97.0	97.0	97.0	97.0
GE 900	31.1	66.3	71.1	82.2	88.9	90.7	91.9	93.0	94.4	96.3	96.7	97.0	97.0	97.4	97.4	97.4
GE 800	31.1	66.7	71.5	82.6	89.6	91.5	92.6	93.7	95.2	97.4	97.8	97.8	98.1	98.1	98.1	98.1
GE 700	31.1	66.7	71.5	83.0	90.0	91.9	93.0	94.1	95.6	97.8	98.1	98.1	98.5	98.5	98.5	98.5
GE 600	31.1	66.7	71.5	83.0	90.0	91.9	93.0	94.1	95.6	97.8	98.1	98.1	98.5	98.5	98.5	98.5
GE 500	31.1	66.7	71.5	83.3	90.4	92.2	93.3	94.4	95.6	98.1	98.5	98.5	98.9	98.9	98.9	98.9
GE 400	31.1	66.7	71.9	83.7	90.7	92.6	94.1	95.2	96.7	98.9	99.3	99.3	99.6	99.6	99.6	99.6
GE 300	31.1	66.7	71.9	83.7	90.7	92.6	94.1	95.2	96.7	98.9	99.3	99.3	99.6	99.6	99.6	99.6
GE 200	31.1	66.7	71.9	83.7	90.7	92.6	94.1	95.2	96.7	98.9	99.3	99.3	99.6	99.6	99.6	99.6
GE 100	31.1	66.7	71.9	83.7	90.7	92.6	94.1	95.2	96.7	98.9	99.3	99.3	99.6	99.6	100.0	100.0
GE 0	31.1	66.7	71.9	83.7	90.7	92.6	94.1	95.2	96.7	98.9	99.3	99.3	99.6	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 270

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(IST): 1800-2000

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	1	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		1	10	6	5	4	3	2	1 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16
NO CEIL	1	11.9	25.4	26.4	27.6	29.1	29.1	29.5	29.9	30.2	31.0	31.0	31.0	31.0	31.0	31.0	31.0
GE 20000	13.8	30.6	32.5	33.6	36.2	36.2	36.6	36.9	37.3	38.1	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 18000	13.8	30.6	32.5	33.6	36.2	36.2	36.6	36.9	37.3	38.1	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 16000	13.8	30.6	32.5	33.6	36.2	36.2	36.6	36.9	37.3	38.1	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 14000	13.8	30.6	32.5	33.6	36.2	36.2	36.6	36.9	37.3	38.1	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 12000	13.8	30.6	32.5	33.6	36.2	36.2	36.6	36.9	37.3	38.1	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 10000	21.3	47.8	51.1	56.7	60.4	61.6	62.3	63.1	63.4	64.6	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 9000	21.3	47.8	51.1	56.7	60.4	61.6	62.3	63.1	63.4	64.6	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 8000	21.3	47.8	51.1	56.7	60.4	61.6	62.3	63.1	63.4	64.6	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 7000	21.3	47.8	51.1	56.7	60.4	61.6	62.3	63.1	63.4	64.6	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 6000	21.3	47.8	51.1	56.7	60.4	61.6	62.3	63.1	63.4	64.6	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 5000	21.3	47.8	51.1	56.7	60.4	61.6	62.3	63.1	63.4	64.6	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 4500	21.3	47.8	51.1	56.7	60.4	61.6	62.3	63.1	63.4	64.6	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 4000	21.3	47.8	51.1	56.7	60.4	61.6	62.3	63.1	63.4	64.6	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 3500	21.3	47.8	51.1	56.7	60.4	61.6	62.3	63.1	63.4	64.6	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 3000	22.0	50.0	53.4	59.0	62.7	63.8	64.6	65.3	65.7	66.8	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 2500	22.0	50.0	53.4	59.0	62.7	63.8	64.6	65.3	65.7	66.8	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 2000	22.0	50.0	53.4	59.0	62.7	63.8	64.6	65.3	65.7	66.8	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 1500	22.4	54.1	57.8	64.9	69.0	71.3	72.4	73.9	74.3	75.4	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 1000	24.2	58.2	62.3	70.9	75.4	77.6	79.1	80.6	81.0	82.1	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 1200	25.0	62.4	67.9	78.0	83.2	86.2	88.1	89.6	89.9	91.4	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1000	25.0	65.3	70.1	81.0	86.6	89.9	92.2	93.7	94.0	95.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 9000	25.0	65.3	70.1	81.0	86.6	89.9	92.2	93.7	94.0	95.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 8000	25.0	65.7	70.5	82.1	88.1	91.4	93.7	95.1	95.5	97.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 7000	25.0	65.7	70.5	82.1	88.1	91.4	93.7	95.1	95.5	97.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 6000	25.0	65.7	70.5	82.1	88.1	91.4	93.7	95.1	95.5	97.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 5000	25.0	65.7	70.5	82.1	88.1	91.4	93.7	95.1	95.5	97.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 4000	25.0	65.7	70.5	82.1	88.1	91.4	93.7	95.1	95.5	97.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 3000	25.0	65.7	70.5	82.1	88.1	91.4	93.7	95.1	95.5	97.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 2000	25.0	65.7	70.5	82.1	88.1	91.4	93.7	95.1	95.5	97.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1000	25.0	65.7	70.5	82.1	88.1	91.4	93.7	95.1	95.5	97.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1000	25.0	65.7	70.5	82.1	88.1	91.4	93.7	95.1	95.5	97.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS: 768

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 2100-2300

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	1	FL 10	GE 6	GE 5	GE 4	GE 3	2 1/2	GE 2	GF 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO	CEIL	1	17.0	24.5	25.3	27.1	27.9	27.9	28.6	28.6	28.6	29.4	29.4	29.4	29.4	29.4	29.7
GE	20000	16.4	25.4	30.5	32.3	33.1	33.1	33.1	33.8	33.8	33.8	34.6	34.6	34.6	34.6	34.6	34.9
GE	18000	16.4	25.4	30.5	32.3	33.1	33.1	33.1	33.8	33.8	33.8	34.6	34.6	34.6	34.6	34.6	34.9
GE	16000	16.4	25.4	30.5	32.3	33.1	33.1	33.1	33.8	33.8	33.8	34.6	34.6	34.6	34.6	34.6	34.9
GE	14000	16.4	29.4	30.5	32.3	33.1	33.1	33.1	33.8	33.8	33.8	34.6	34.6	34.6	34.6	34.6	34.9
GE	12000	16.4	29.4	30.5	32.3	33.1	33.1	33.1	33.8	33.8	33.8	34.6	34.6	34.6	34.6	34.6	34.9
GE	10000	21.9	42.8	45.0	50.6	52.0	53.5	54.3	54.3	54.3	55.0	55.0	55.0	55.0	55.4	55.4	55.8
GE	9000	21.9	42.8	45.0	50.6	52.0	53.5	54.3	54.3	54.3	55.0	55.0	55.0	55.0	55.4	55.4	55.8
GE	8000	21.9	42.8	45.0	50.6	52.0	53.5	54.3	54.3	54.3	55.0	55.0	55.0	55.0	55.4	55.4	55.8
GE	7000	21.9	42.8	45.0	50.6	52.0	53.5	54.3	54.3	54.3	55.0	55.0	55.0	55.0	55.4	55.4	55.8
GE	6000	21.9	42.8	45.0	50.6	52.0	53.5	54.3	54.3	54.3	55.0	55.0	55.0	55.0	55.4	55.4	55.8
GE	5000	21.9	42.8	45.0	50.6	52.0	53.5	54.3	54.3	54.3	55.0	55.0	55.0	55.0	55.4	55.4	55.8
GE	4000	21.9	42.8	45.0	50.6	52.0	53.5	54.3	54.3	54.3	55.0	55.0	55.0	55.0	55.4	55.4	55.8
GE	3000	21.9	43.1	45.4	51.3	52.8	54.3	55.0	55.0	55.0	55.8	55.8	55.8	55.8	56.1	56.1	56.5
GE	2000	23.0	45.0	47.6	53.5	55.0	56.5	57.2	57.2	57.2	58.0	58.0	58.0	58.0	58.4	58.4	58.7
GE	2500	24.5	48.7	51.7	57.6	59.5	61.7	62.5	62.5	62.8	63.6	63.6	63.6	63.6	63.9	63.9	64.3
GE	2000	24.5	50.2	53.9	60.2	62.5	64.7	65.4	65.4	65.8	66.5	66.5	66.5	66.5	66.9	66.9	67.3
GE	1800	25.3	50.9	54.6	62.1	64.7	66.9	67.7	67.7	68.0	68.8	68.8	68.8	68.8	69.1	69.1	69.5
GE	1600	26.0	50.4	59.5	68.4	72.9	75.1	75.8	75.8	76.2	77.0	77.0	77.0	77.0	77.3	77.3	77.7
GE	1400	27.9	61.3	66.6	76.1	84.0	86.6	87.4	87.7	88.1	88.8	88.8	88.8	88.8	89.2	89.2	89.6
GE	1000	27.9	62.6	69.0	80.7	87.4	90.3	91.4	91.8	92.2	93.3	93.3	93.3	93.3	93.7	93.7	94.1
GE	900	28.3	63.9	69.1	82.2	89.2	92.2	93.3	93.7	94.1	95.2	95.2	95.2	95.2	95.5	95.5	95.9
GE	800	28.3	64.3	70.3	83.3	90.7	93.7	94.8	95.2	95.5	96.7	96.7	96.7	96.7	97.0	97.0	97.4
GE	700	28.3	64.3	70.3	83.3	90.7	94.1	95.2	95.5	95.9	97.0	97.0	97.0	97.0	97.4	97.4	97.8
GE	600	28.3	64.3	70.3	83.3	91.1	94.4	95.5	95.9	96.3	97.4	97.4	97.4	97.4	97.8	97.8	98.1
GE	500	28.3	64.3	70.3	83.3	91.1	94.4	95.5	95.9	96.3	97.4	97.4	97.4	97.4	97.8	97.8	98.1
GE	400	28.3	64.3	70.3	83.3	91.1	94.4	95.5	95.9	96.3	97.4	97.4	97.4	97.4	97.8	97.8	98.1
GE	300	28.3	64.3	70.6	84.0	91.4	94.8	95.9	96.3	96.7	97.8	97.8	97.8	97.8	98.1	98.1	98.5
GE	200	28.3	64.3	70.6	84.0	91.4	94.8	95.9	96.3	96.7	97.8	97.8	97.8	97.8	98.1	98.1	98.5
GE	100	28.3	64.3	70.6	84.0	91.4	94.8	95.9	96.3	96.7	97.8	97.8	97.8	97.8	98.1	98.1	100.0
GE	0	28.3	64.3	70.6	84.0	91.4	94.8	95.9	96.3	96.7	97.8	97.8	97.8	97.8	98.1	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 269

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARK-ANGELSK USSR

PERIOD OF RECORD: 78-87

MONTH: FEB HOURS(UT): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	7	8	9	10	11	12	13
NO CEIL	11.3	20.9	22.3	23.8	24.4	24.6	25.0	25.2	25.4	25.7	26.0	26.0	26.0	26.0	26.1	26.1
GE 20000	14.2	26.8	28.8	30.6	31.5	31.6	32.4	32.6	32.9	33.3	33.9	33.8	33.9	33.8	33.9	33.9
GE 16000	14.2	26.8	28.8	30.6	31.5	31.6	32.4	32.6	32.9	33.3	33.9	33.8	33.9	33.8	33.9	33.9
GE 14000	14.2	26.8	28.8	30.6	31.5	31.6	32.4	32.6	32.9	33.3	33.9	33.8	33.9	33.8	33.9	33.9
GE 12000	14.2	26.8	28.8	30.6	31.5	31.6	32.4	32.6	32.9	33.3	33.9	33.8	33.9	33.8	33.9	33.9
GE 10000	20.3	42.2	46.1	52.2	54.6	56.2	56.9	57.6	58.0	58.6	59.2	59.2	59.2	59.3	59.4	59.4
GE 9000	20.3	42.2	46.1	52.2	54.6	56.2	56.9	57.6	58.0	58.6	59.2	59.2	59.2	59.3	59.4	59.4
GE 8000	20.4	42.3	46.2	52.2	54.7	56.2	57.0	57.6	58.0	58.6	59.2	59.2	59.2	59.3	59.4	59.5
GE 7000	20.4	42.3	46.2	52.2	54.7	56.2	57.0	57.6	58.0	58.6	59.2	59.2	59.2	59.3	59.4	59.5
GE 6000	20.4	42.3	46.2	52.2	54.7	56.2	57.0	57.6	58.0	58.6	59.2	59.2	59.2	59.3	59.4	59.5
GE 5000	20.4	42.3	46.2	52.3	54.7	56.3	57.0	57.7	58.1	58.7	59.2	59.2	59.3	59.4	59.5	59.6
GE 4500	20.4	42.4	46.3	52.4	54.8	56.3	57.1	57.7	58.2	58.8	59.3	59.3	59.4	59.5	59.6	59.7
GE 4000	20.6	42.6	46.7	52.6	55.2	56.6	57.5	58.2	58.6	59.2	59.8	59.8	59.8	59.9	60.0	60.1
GE 3500	20.8	43.2	47.2	53.3	55.7	57.2	58.0	58.6	59.1	59.7	60.2	60.2	60.3	60.4	60.5	60.6
GE 3000	21.2	44.1	48.1	54.3	56.8	58.3	59.1	59.7	60.1	60.7	61.3	61.3	61.3	61.5	61.6	61.7
GE 2500	21.8	45.4	50.1	56.5	59.1	60.6	61.6	62.3	62.8	63.4	64.7	64.0	64.1	64.2	64.3	64.4
GE 2000	22.4	48.5	53.0	60.3	63.3	65.1	66.0	66.8	67.3	68.0	69.5	69.5	69.6	69.7	69.8	69.9
GE 1800	23.7	50.0	54.7	62.5	65.9	67.7	68.6	69.5	70.0	70.6	71.2	71.2	71.2	71.4	71.5	71.6
GE 1500	23.8	50.5	55.7	67.6	71.6	73.5	74.6	75.6	76.1	76.8	77.4	77.4	77.4	77.5	77.6	77.7
GE 1200	25.1	55.1	65.2	76.6	82.0	84.7	85.9	87.3	88.1	89.1	89.7	89.7	89.8	89.9	90.0	90.1
GE 1000	25.7	60.8	67.5	79.9	85.9	89.0	90.5	92.0	92.9	94.1	94.8	94.8	94.9	95.0	95.1	95.2
GE 900	26.4	61.3	67.9	80.5	86.6	89.6	91.4	92.9	93.9	95.1	95.8	95.8	95.9	96.1	96.2	96.3
GE 800	26.4	61.6	68.3	81.0	87.4	90.7	92.3	93.8	94.8	96.1	96.8	96.8	97.0	97.1	97.2	97.3
GE 700	26.4	61.4	68.5	81.0	88.1	91.5	93.1	94.7	95.7	97.1	97.8	97.8	97.9	98.1	98.2	98.3
GE 600	26.4	61.9	69.6	81.7	88.3	91.7	93.4	95.1	96.1	97.4	98.1	98.1	98.3	98.5	98.6	98.6
GE 500	26.4	61.9	69.6	81.7	88.3	91.7	93.4	95.1	96.1	97.4	98.1	98.1	98.3	98.5	98.6	98.7
GE 400	26.4	61.9	69.6	81.7	88.3	91.7	93.4	95.1	96.1	97.4	98.1	98.1	98.3	98.5	98.6	98.7
GE 300	26.4	61.9	69.6	81.7	88.3	91.7	93.4	95.1	96.1	97.4	98.1	98.1	98.3	98.5	98.6	98.7
GE 200	26.4	61.9	69.6	81.7	88.3	91.7	93.4	95.1	96.1	97.4	98.1	98.1	98.3	98.5	98.6	98.7
GE 100	26.4	61.9	69.6	81.7	88.3	91.7	93.4	95.1	96.1	97.4	98.1	98.1	98.3	98.5	98.6	98.7
GE	25.4	61.9	69.6	81.7	88.3	91.7	93.4	95.1	96.1	97.4	98.1	98.1	98.3	98.5	98.6	98.7

TOTAL NUMBER OF OBSERVATIONS: 2142

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS (LST): 0000-0200

CEILING		VISIBILITY IN STATUTE MILES																
IN FEET	1	GE 10	GE 6	GE 5	GE 4	GE 3	2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	19.0	31.3	33.0	33.0	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	34.0	34.0	34.0	34.3	
GE 20000	21.0	36.3	38.0	38.3	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.3	39.3	39.3	39.7	
GE 18000	21.0	36.3	38.0	38.3	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.3	39.3	39.3	39.7	
GE 16000	21.0	36.3	38.0	38.3	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.3	39.3	39.3	39.7	
GE 14000	21.0	36.3	38.0	38.3	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.3	39.3	39.3	39.7	
GE 12000	21.0	36.3	38.0	38.3	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.3	39.3	39.3	39.7	
GE 10000	25.0	44.3	48.0	50.0	51.7	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.3	52.3	52.3	52.7	
GE 9000	25.0	44.3	48.0	50.0	51.7	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.3	52.3	52.3	52.7	
GE 8000	25.0	44.3	48.0	50.0	51.7	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.3	52.3	52.3	52.7	
GE 7000	25.0	44.3	48.0	50.0	51.7	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.3	52.3	52.3	52.7	
GE 6000	25.0	44.3	48.0	50.0	51.7	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.3	52.3	52.3	52.7	
GE 5000	25.3	44.7	48.3	50.3	52.0	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.7	52.7	52.7	53.0	
GE 4500	25.7	45.3	49.0	51.0	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.3	53.3	53.3	53.7	
GE 4000	25.7	45.7	49.3	51.3	53.0	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.7	53.7	53.7	54.0	
GE 3500	26.0	46.3	50.0	52.3	54.0	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.7	54.7	54.7	55.0	
GE 3000	26.3	47.0	51.0	53.3	55.3	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	56.0	56.0	56.0	56.3	
GE 2500	27.3	51.0	55.7	58.0	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.7	60.7	60.7	61.0	
GE 2000	28.7	56.3	61.0	64.3	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.7	67.7	67.7	68.0	
GE 1800	29.3	57.7	63.0	67.0	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.7	71.0	71.0	71.3	
GE 1600	30.3	61.3	67.3	72.0	74.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	76.0	76.3	76.3	76.7	
GE 1400	31.3	65.7	73.7	81.3	85.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	88.3	88.7	88.7	89.0	
GE 1200	31.3	67.0	75.7	83.7	88.7	90.3	90.3	90.7	90.7	90.7	90.7	90.7	90.7	91.3	91.7	91.7	92.0	
GE 1000	31.3	67.0	76.0	84.0	89.0	90.7	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.7	92.0	92.0	92.3	
GE 900	31.7	67.3	76.3	84.3	90.0	92.0	92.0	92.7	92.7	92.7	92.7	92.7	92.7	93.3	93.7	93.7	94.0	
GE 800	31.7	67.7	76.7	85.3	91.0	93.0	93.0	94.0	94.0	94.0	94.0	94.0	94.0	95.0	95.3	95.3	95.7	
GE 700	31.7	67.7	77.0	85.7	91.3	93.3	93.3	94.3	94.3	94.3	94.3	94.3	94.3	95.3	96.0	96.0	96.3	
GE 600	31.7	67.7	77.0	85.7	91.3	93.3	93.3	94.3	94.3	94.3	94.3	94.3	94.3	95.3	96.0	96.0	96.3	
GE 500	31.7	67.7	77.0	85.7	91.3	93.3	93.3	94.3	94.3	94.3	94.3	94.3	94.3	95.3	96.0	96.0	96.3	
GE 400	31.7	67.7	77.0	85.7	91.3	93.3	93.3	94.3	94.3	94.3	94.3	94.3	94.3	95.3	96.0	96.0	96.3	
GE 300	31.7	67.7	77.0	85.7	91.3	93.3	93.3	94.3	94.3	94.3	94.3	94.3	94.3	95.3	96.0	96.0	96.3	
GE 200	31.7	67.7	77.0	85.7	91.3	93.3	93.3	94.3	94.3	94.3	94.3	94.3	94.3	95.3	96.0	96.0	96.3	
GE 100	31.7	67.7	77.0	85.7	91.3	93.3	93.3	94.3	94.3	94.3	94.3	94.3	94.3	95.3	96.0	96.0	96.3	
GE 0	31.7	67.7	77.0	85.7	91.3	93.3	93.3	94.3	94.3	94.3	94.3	94.3	94.3	95.3	96.0	96.0	96.3	

TOTAL NUMBER OF OBSERVATIONS: 300

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(EST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GF 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GF 5/8	GE 1/2	GF 5/16	GE 1/4	GF 0
NO CEIL	15.0	29.2	29.9	30.9	30.9	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.9	32.9	32.9	33.2
GE 20000	17.8	35.2	37.6	39.3	39.3	39.9	39.9	39.9	39.9	39.9	39.9	39.9	40.3	41.3	41.3	41.6
GE 18000	17.8	35.2	37.6	39.3	39.3	39.9	39.9	39.9	39.9	39.9	39.9	39.9	40.3	41.3	41.3	41.6
GE 16000	17.8	35.2	37.6	39.3	39.3	39.9	39.9	39.9	39.9	39.9	39.9	39.9	40.3	41.3	41.3	41.6
GE 14000	17.8	35.2	37.6	39.3	39.3	39.9	39.9	39.9	39.9	39.9	39.9	39.9	40.3	41.3	41.3	41.6
GE 12000	17.8	35.2	37.6	39.3	39.3	39.9	39.9	39.9	39.9	39.9	39.9	39.9	40.3	41.3	41.3	41.6
GE 10000	20.8	42.0	45.3	50.3	51.0	51.7	51.7	51.7	52.0	52.0	52.0	52.0	52.3	53.4	53.4	53.7
GE 9000	20.8	42.0	45.3	50.3	51.0	51.7	51.7	51.7	52.0	52.0	52.0	52.0	52.3	53.4	53.4	53.7
GE 8000	20.8	42.0	45.3	50.3	51.0	51.7	51.7	51.7	52.0	52.0	52.0	52.0	52.3	53.4	53.4	53.7
GE 7000	20.8	42.0	45.3	50.3	51.0	51.7	51.7	51.7	52.0	52.0	52.0	52.0	52.3	53.4	53.4	53.7
GE 6000	20.8	42.0	45.3	50.3	51.0	51.7	51.7	51.7	52.0	52.0	52.0	52.0	52.3	53.4	53.4	53.7
GE 5000	23.8	43.0	45.3	50.3	51.0	51.7	51.7	51.7	52.0	52.0	52.0	52.0	52.3	53.4	53.4	53.7
GE 4500	21.1	42.3	45.6	51.0	51.7	52.3	52.3	52.3	52.7	52.7	52.7	52.7	53.0	54.0	54.0	54.4
GE 4000	21.8	44.6	47.0	52.3	53.0	53.7	53.7	53.7	54.0	54.0	54.0	54.0	54.4	55.4	55.4	55.7
GE 3500	22.1	45.6	48.0	53.4	54.0	54.7	54.7	54.7	55.0	55.0	55.0	55.0	55.4	56.4	56.4	56.7
GE 3000	22.5	46.3	48.7	54.4	55.0	55.7	55.7	55.7	56.0	56.0	56.0	56.0	56.4	57.4	57.4	57.7
GE 2500	23.8	49.7	52.3	58.1	59.1	59.7	59.7	59.7	60.1	60.1	60.1	60.1	60.4	61.4	61.4	61.7
GE 2000	25.5	54.4	58.4	65.1	66.1	67.1	67.1	67.1	67.4	67.4	67.4	67.4	67.8	68.8	68.8	69.1
GE 1800	25.5	56.0	60.1	67.0	69.1	70.1	70.1	70.1	70.5	70.5	70.5	70.5	70.8	71.8	71.8	72.1
GE 1500	26.2	60.1	64.8	73.5	74.8	76.5	76.8	76.8	77.2	77.2	77.2	77.2	77.5	78.5	78.5	78.9
GE 1200	27.5	64.4	69.8	79.2	81.5	83.9	84.6	84.9	85.2	85.2	85.2	85.2	85.6	86.9	86.9	87.2
GE 1000	27.9	67.1	72.0	82.6	85.6	87.9	88.9	89.6	89.9	89.9	89.9	89.9	90.3	91.6	91.6	91.9
GE 900	27.9	67.4	73.5	83.9	86.9	89.3	90.6	91.3	91.6	91.6	91.6	91.6	91.9	93.3	93.3	93.6
GE 800	27.9	67.8	74.2	84.6	88.3	90.6	91.9	92.6	93.0	93.0	93.0	93.3	93.6	95.0	95.0	95.3
GE 700	27.9	68.1	74.8	85.2	88.9	91.3	92.6	93.6	94.0	94.0	94.0	94.3	94.6	96.0	96.0	96.3
GE 600	27.9	68.5	75.2	85.6	89.3	91.6	93.3	94.3	94.6	94.6	94.6	95.0	95.3	96.6	96.6	97.0
GE 500	27.9	68.5	75.2	85.6	89.3	91.6	93.3	94.3	94.6	94.6	94.6	95.0	95.3	96.6	96.6	97.0
GE 400	27.9	68.5	75.2	85.6	89.3	91.6	93.3	94.3	94.6	94.6	94.6	95.0	95.3	96.6	96.6	97.0
GE 300	27.9	68.5	75.2	85.6	89.6	91.9	93.6	94.6	95.0	95.0	95.0	95.3	95.6	97.0	97.0	97.3
GE 200	27.9	68.5	75.2	85.6	89.6	91.9	93.6	94.6	95.0	95.0	95.0	95.3	95.6	97.3	97.3	97.7
GE 100	27.9	68.5	75.2	85.6	89.6	91.9	93.6	94.6	95.0	95.0	95.0	95.3	95.6	97.7	98.0	99.0
GE 0	27.9	68.5	75.2	85.6	89.6	91.9	93.6	94.6	95.0	95.0	95.3	95.3	96.0	97.7	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 298

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARK-ANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS (LST): 0600-0600

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	1	10	6	5	4	3	2	1 1/2	2	1 1/2	1 1/4	1	7/4	5/8	1/2	5/16
NO CEIL	1	9.0	17.7	20.1	22.1	23.1	23.1	23.4	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7
GE 20000	11.4	24.4	27.6	30.4	31.4	31.4	31.4	31.8	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
GE 18000	11.4	24.4	27.6	30.4	31.4	31.4	31.4	31.8	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
GE 16000	11.4	24.4	27.6	30.4	31.4	31.4	31.4	31.8	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
GE 14000	11.4	24.4	27.6	30.4	31.4	31.4	31.4	31.8	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
GE 12000	11.4	24.4	27.6	30.4	31.4	31.4	31.4	31.8	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
GE 10000	15.1	36.8	41.1	45.8	48.5	48.5	48.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 9000	15.1	36.8	41.1	45.8	48.5	48.5	48.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 8000	15.1	36.8	41.1	45.8	48.5	48.5	48.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 7000	15.1	36.8	41.1	45.8	48.5	48.5	48.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 6000	15.1	36.8	41.1	45.8	48.5	48.5	48.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 5000	15.1	37.1	41.5	46.2	49.8	48.8	49.2	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 4500	15.4	37.5	41.8	46.5	49.2	49.2	49.5	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 4000	15.4	38.1	42.5	47.5	50.2	50.2	50.5	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 3500	15.7	38.1	43.8	48.8	51.5	51.5	51.8	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 3000	16.1	40.5	45.5	50.5	53.2	53.2	53.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 2500	16.7	41.8	47.8	52.8	55.9	55.9	56.2	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 2000	17.7	45.5	52.2	58.5	61.9	62.2	62.5	63.2	63.2	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 1800	18.1	47.5	55.2	62.5	66.2	66.6	66.9	67.6	67.6	67.9	68.2	68.2	68.2	68.2	68.2	68.2
GE 1500	19.1	51.5	59.9	68.9	73.2	73.6	74.6	75.6	75.9	76.3	76.6	76.6	76.6	76.6	76.6	76.6
GE 1200	19.4	51.8	63.5	75.3	80.6	82.3	83.3	84.9	85.6	86.0	86.3	86.3	86.3	86.3	86.3	86.3
GE 1000	20.7	55.5	65.9	77.9	83.6	85.6	87.6	89.3	90.6	91.0	91.3	91.3	91.3	91.3	91.3	91.3
GE 900	21.1	56.2	66.6	78.6	84.6	86.6	88.6	90.3	91.6	92.3	92.6	92.6	92.6	92.6	92.6	92.6
GE 800	21.1	56.2	66.6	78.6	84.6	86.6	89.0	90.6	92.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3
GE 700	21.1	56.5	67.2	79.3	85.3	87.3	89.6	91.3	92.6	94.0	94.3	94.3	94.3	94.3	94.3	94.3
GE 600	21.1	56.5	67.2	79.6	85.6	87.6	90.3	93.0	94.3	95.7	96.0	96.0	96.0	96.0	96.0	96.0
GE 500	21.1	56.5	67.2	79.9	86.0	88.0	90.6	93.3	94.6	96.3	96.7	96.7	96.7	96.7	97.0	97.0
GE 400	21.1	56.5	67.2	79.9	86.0	88.0	90.6	93.3	94.6	96.3	96.7	96.7	96.7	96.7	97.0	97.0
GE 300	21.1	56.5	67.2	79.9	86.0	88.0	90.6	93.3	94.6	96.3	96.7	96.7	96.7	96.7	97.0	97.0
GE 200	21.1	56.5	67.2	79.9	86.0	88.0	90.6	93.3	94.6	96.3	96.7	96.7	96.7	96.7	97.0	97.0
GE 100	21.1	56.5	67.2	79.9	86.0	88.0	90.6	93.3	94.6	96.3	96.7	96.7	96.7	96.7	97.0	97.0
GE	21.1	56.5	67.2	79.9	86.0	88.0	90.6	93.3	94.6	96.3	96.7	96.7	96.7	96.7	97.0	97.0

TOTAL NUMBER OF OBSERVATIONS: 249

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS (LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	1	GE 10	GE 6	GE 5	GE 4	GE 3	2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	9.9	21.2	22.7	24.9	26.0	26.4	26.4	26.4	26.4	26.7	26.7	26.7	26.7	26.7	27.1	27.1	27.1	
GE 20000	12.8	31.5	34.1	37.0	38.5	39.2	39.2	39.2	39.2	39.6	39.9	40.3	40.7	41.0	41.4	41.4	41.4	
GE 18000	12.8	31.5	34.1	37.0	38.5	39.2	39.2	39.2	39.2	39.6	39.9	40.3	40.7	41.0	41.4	41.4	41.4	
GE 16000	12.8	31.5	34.1	37.0	38.5	39.2	39.2	39.2	39.2	39.6	39.9	40.3	40.7	41.0	41.4	41.4	41.4	
GE 14000	12.8	31.5	34.1	37.0	38.5	39.2	39.2	39.2	39.2	39.6	39.9	40.3	40.7	41.0	41.4	41.4	41.4	
GE 12000	12.8	31.5	34.1	37.0	38.5	39.2	39.2	39.2	39.2	39.6	39.9	40.3	40.7	41.0	41.4	41.4	41.4	
GE 10000	16.5	44.7	49.8	53.8	57.5	59.7	60.1	60.4	61.5	62.3	62.6	63.0	63.4	63.7	63.7	63.7	63.7	
GE 9000	16.5	44.7	49.8	53.8	57.5	59.7	60.1	60.4	61.5	62.3	62.6	63.0	63.4	63.7	63.7	63.7	63.7	
GE 8000	16.5	44.7	49.8	53.8	57.5	59.7	60.1	60.4	61.5	62.3	62.6	63.0	63.4	63.7	63.7	63.7	63.7	
GE 7000	16.5	44.7	49.8	53.8	57.5	59.7	60.1	60.4	61.5	62.3	62.6	63.0	63.4	63.7	63.7	63.7	63.7	
GE 6000	16.5	44.7	49.8	53.8	57.5	59.7	60.1	60.4	61.5	62.3	62.6	63.0	63.4	63.7	63.7	63.7	63.7	
GE 5000	16.5	44.7	49.8	53.8	57.5	59.7	60.1	60.4	61.5	62.3	62.6	63.0	63.4	63.7	63.7	63.7	63.7	
GE 4500	16.5	44.7	49.8	53.8	57.5	59.7	60.1	60.4	61.5	62.3	62.6	63.0	63.4	63.7	63.7	63.7	63.7	
GE 4000	16.5	45.4	50.5	54.6	59.2	60.4	60.9	61.2	62.3	63.0	63.4	63.7	64.1	64.5	64.5	64.5	64.5	
GE 3500	16.8	46.2	51.3	55.3	59.0	61.2	61.5	61.9	63.0	63.7	64.1	64.5	64.8	65.2	65.2	65.2	65.2	
GE 3000	16.9	46.5	51.6	56.0	59.7	61.9	62.3	62.6	63.7	64.5	64.8	65.2	65.6	65.9	65.9	65.9	65.9	
GE 2500	17.6	48.7	53.8	58.6	62.3	64.5	64.8	65.2	66.3	67.0	67.4	67.8	68.1	68.5	68.5	68.5	68.5	
GE 2000	19.0	52.0	57.5	62.6	66.7	69.6	70.0	70.3	71.4	72.2	72.5	72.9	73.3	73.6	73.6	73.6	73.6	
GE 1800	19.4	53.5	59.3	64.5	69.9	71.8	72.2	72.5	73.6	74.4	74.7	75.1	75.5	75.8	75.8	75.8	75.8	
GE 1500	20.1	55.3	62.3	68.5	73.3	76.6	77.3	77.7	78.8	79.6	79.9	80.2	80.6	81.0	81.0	81.0	81.0	
GE 1200	21.6	58.2	67.4	75.5	81.7	86.1	86.8	87.5	89.0	89.7	90.1	90.5	90.8	91.2	91.2	91.2	91.2	
GE 1000	21.6	58.6	68.5	77.7	84.2	88.6	90.1	91.2	92.7	93.4	93.8	94.1	94.5	94.9	94.9	94.9	94.9	
GE 900	21.6	58.6	68.5	77.7	84.2	88.6	90.1	91.2	92.7	93.4	93.8	94.1	94.5	94.9	94.9	94.9	94.9	
GE 800	21.6	59.0	68.9	78.8	85.3	89.7	91.2	92.3	93.8	94.5	94.9	95.2	95.6	96.0	96.0	96.0	96.0	
GE 700	21.6	59.3	69.6	79.5	86.4	90.8	92.3	93.8	95.2	96.0	96.3	96.7	97.1	97.4	97.4	97.4	97.4	
GE 600	21.6	59.3	69.6	79.5	86.4	91.2	92.7	94.1	95.6	96.3	96.7	97.1	97.4	97.8	97.8	97.8	97.8	
GE 500	21.6	59.3	69.6	79.5	86.4	91.2	93.0	94.5	96.0	96.7	97.1	97.4	97.8	98.2	98.2	98.2	98.2	
GE 400	21.6	59.3	69.6	79.5	86.4	91.2	93.0	94.5	96.0	96.7	97.1	97.4	97.8	98.2	98.5	98.5	98.5	
GE 300	21.6	59.3	69.6	79.5	86.4	91.2	93.0	94.5	96.0	96.7	97.1	97.4	97.8	98.2	98.5	98.5	98.5	
GE 200	21.6	59.3	69.6	79.5	86.4	91.2	93.0	94.5	96.0	96.7	97.1	97.4	97.8	98.5	98.9	98.9	98.9	
GE 100	21.6	59.3	69.6	79.5	86.4	91.2	93.0	94.5	96.0	96.7	97.1	97.4	97.8	98.5	98.9	99.6	100.0	
GE 0	21.6	59.3	69.6	79.5	86.4	91.2	93.0	94.5	96.0	96.7	97.1	97.4	97.8	98.5	98.9	99.6	100.0	

TOTAL NUMBER OF OBSERVATIONS: 273

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS (LST): 1200-1400

CEILING		VISIBILITY IN STATUTE MILES																
IN FEET		1	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO	CEIL	1	13.8	21.2	21.9	24.6	24.9	25.3	25.9	26.3	26.3	26.6	26.6	26.6	26.6	26.9	26.9	26.9
GE	20000		16.5	29.3	32.0	35.0	35.7	36.0	37.4	37.7	37.7	38.0	38.4	38.4	38.4	38.7	38.7	38.7
GE	18000		16.5	29.3	32.0	35.0	35.7	36.0	37.4	37.7	37.7	38.0	38.4	38.4	38.4	38.7	38.7	38.7
GE	16000		16.5	29.3	32.0	35.0	35.7	36.0	37.4	37.7	37.7	38.0	38.4	38.4	38.4	38.7	38.7	38.7
GE	14000		16.5	29.3	32.0	35.0	35.7	36.0	37.4	37.7	37.7	38.0	38.4	38.4	38.4	38.7	38.7	38.7
GE	12000		16.5	29.3	32.0	35.0	35.7	36.0	37.4	37.7	37.7	38.0	38.4	38.4	38.4	38.7	38.7	38.7
GE	10000		20.9	45.5	50.2	56.6	58.6	60.3	62.6	64.6	65.0	65.3	65.7	65.7	65.7	66.0	66.0	66.0
GE	9000		20.9	45.5	50.2	56.6	58.6	60.3	62.6	64.6	65.0	65.3	65.7	65.7	65.7	66.0	66.0	66.0
GE	8000		20.9	45.5	50.2	56.6	58.6	60.3	62.6	64.6	65.0	65.3	65.7	65.7	65.7	66.0	66.0	66.0
GE	7000		20.9	45.5	50.2	56.6	58.6	60.3	62.6	64.6	65.0	65.3	65.7	65.7	65.7	66.0	66.0	66.0
GE	6000		20.9	45.5	50.2	56.6	58.6	60.3	62.6	64.6	65.0	65.3	65.7	65.7	65.7	66.0	66.0	66.0
GE	5000		20.9	45.5	50.2	56.6	58.6	60.3	62.6	64.6	65.0	65.3	65.7	65.7	65.7	66.0	66.0	66.0
GE	4500		20.9	45.5	50.2	56.6	58.6	60.3	62.6	64.6	65.0	65.3	65.7	65.7	65.7	66.0	66.0	66.0
GE	4000		20.9	45.8	50.5	56.9	58.9	60.6	63.0	65.0	65.3	65.7	66.0	66.0	66.0	66.3	66.3	66.3
GE	3500		20.9	46.1	50.8	57.2	59.3	60.9	63.3	65.3	65.7	66.0	66.3	66.3	66.3	66.6	66.6	66.6
GE	3000		20.9	47.1	52.2	58.6	60.6	62.3	64.6	66.7	67.0	67.3	67.7	67.7	67.7	68.0	68.0	68.0
GE	2500		22.6	51.5	56.6	63.0	65.0	66.7	69.0	71.0	71.4	71.7	72.1	72.1	72.1	72.4	72.4	72.4
GE	2000		25.6	57.6	62.0	69.4	71.7	73.7	76.1	78.1	78.5	78.6	79.1	79.1	79.1	79.5	79.5	79.5
GE	1800		26.9	60.9	66.7	74.1	76.8	78.8	81.1	83.2	83.5	83.8	84.2	84.2	84.2	84.5	84.5	84.5
GE	1500		27.3	64.3	71.4	79.1	82.2	84.5	86.9	89.9	89.2	89.6	89.9	89.9	89.9	90.2	90.2	90.2
GE	1200		27.3	66.3	74.1	83.2	86.5	89.2	91.9	94.3	94.6	94.9	95.3	95.3	95.3	95.6	95.6	95.6
GE	1000		27.6	66.7	74.7	84.2	87.5	90.2	92.9	95.3	96.0	96.3	97.0	97.3	97.3	97.6	97.6	97.6
GE	900		27.6	66.7	74.7	84.2	88.6	91.2	93.9	96.3	97.0	97.3	98.0	98.3	98.3	98.6	98.6	98.6
GE	800		27.6	66.7	74.7	84.2	88.6	91.2	93.9	96.3	97.0	97.3	98.0	98.3	98.3	98.6	98.6	98.6
GE	700		27.6	67.0	75.1	84.5	88.9	91.6	94.3	96.6	97.3	97.6	98.3	98.3	98.3	98.7	98.7	98.7
GE	600		27.6	67.0	75.4	84.8	89.6	92.3	94.9	97.3	98.0	98.3	99.0	99.0	99.0	99.3	99.3	99.3
GE	500		27.6	67.0	75.4	84.8	89.6	92.3	94.9	97.3	98.0	98.3	99.0	99.0	99.0	99.3	99.3	99.3
GE	400		27.6	67.0	75.4	84.8	89.6	92.3	94.9	97.3	98.0	98.3	99.0	99.0	99.0	99.3	99.3	99.3
GE	300		27.6	67.0	75.4	84.8	89.6	92.3	94.9	97.3	98.0	98.3	99.0	99.0	99.0	99.3	99.3	99.3
GE	200		27.6	67.0	75.4	84.8	89.6	92.3	94.9	97.3	98.0	98.3	99.0	99.0	99.0	99.3	99.3	99.3
GE	100		27.6	67.0	75.4	84.8	89.6	92.3	94.9	97.3	98.0	98.3	99.0	99.0	99.0	99.3	99.3	99.3
GE	0		27.6	67.3	75.4	84.6	89.6	92.3	94.9	97.6	98.3	98.7	99.3	99.3	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 297

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 3	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	16.9	24.2	25.2	26.9	27.3	27.3	27.3	27.3	27.3	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9
GE 20000	20.2	31.7	35.4	37.7	38.7	38.7	38.7	38.7	38.7	38.7	39.4	39.4	39.4	39.4	39.4	39.4	39.4
GE 18000	20.2	31.7	35.4	37.7	38.7	38.7	38.7	38.7	38.7	38.7	39.4	39.4	39.4	39.4	39.4	39.4	39.4
GE 16000	20.2	31.7	35.4	37.7	38.7	38.7	38.7	38.7	38.7	38.7	39.4	39.4	39.4	39.4	39.4	39.4	39.4
GE 14000	20.2	31.7	35.4	37.7	38.7	38.7	38.7	38.7	38.7	38.7	39.4	39.4	39.4	39.4	39.4	39.4	39.4
GE 12000	20.2	31.7	35.4	37.7	38.7	38.7	38.7	38.7	38.7	38.7	39.4	39.4	39.4	39.4	39.4	39.4	39.4
GE 10000	25.3	47.8	50.6	55.6	58.2	59.3	59.3	59.9	59.9	59.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 9000	25.3	47.8	50.6	55.6	58.2	59.3	59.3	59.9	59.9	59.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 8000	25.3	47.8	50.6	55.6	58.2	59.3	59.3	59.9	59.9	59.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 7000	25.3	47.8	50.6	55.6	58.2	59.3	59.3	59.9	59.9	59.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 6000	25.3	47.8	50.6	55.6	58.2	59.3	59.3	59.9	59.9	59.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 5000	25.3	47.8	50.6	55.6	58.2	59.3	59.3	59.9	59.9	59.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 4500	25.3	47.8	50.6	55.6	58.2	59.3	59.3	59.9	59.9	59.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 4000	25.6	48.5	51.5	56.2	59.3	60.3	60.3	60.9	60.9	60.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 3500	25.9	48.8	51.9	56.6	59.6	60.6	60.6	61.3	61.3	61.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 3000	25.9	49.8	52.9	57.6	60.6	61.6	61.6	62.3	62.3	62.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 2500	27.9	55.2	59.6	63.6	66.7	67.7	67.7	68.4	68.4	68.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 2000	29.3	62.0	65.3	70.7	74.4	75.4	75.4	76.4	76.4	76.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 1800	30.3	64.0	67.3	72.7	76.4	77.6	78.1	79.5	79.5	79.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 1500	31.3	69.0	73.4	79.5	83.5	85.2	85.5	86.9	86.9	86.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 1200	31.6	72.4	77.1	84.2	88.6	90.2	91.2	92.9	92.9	92.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1000	31.6	73.1	78.5	85.9	90.2	91.9	92.9	94.6	94.6	94.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 900	31.6	73.4	78.8	86.5	90.9	92.9	94.3	96.0	96.0	96.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 800	31.6	73.4	78.8	86.5	91.2	93.3	94.9	96.6	96.6	97.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 700	31.6	73.4	78.8	87.5	91.9	93.9	95.6	97.3	97.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 600	31.6	73.4	78.8	87.5	91.9	93.9	95.6	97.3	97.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	31.6	73.4	79.1	87.9	92.3	94.3	96.0	97.6	98.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 400	31.6	73.4	79.1	87.9	92.3	94.3	96.0	97.6	98.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 300	31.6	73.4	79.1	87.9	92.3	94.3	96.0	97.6	98.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 200	31.6	73.4	79.1	87.9	92.3	94.3	96.0	97.6	98.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 100	31.6	73.4	79.1	87.9	92.3	94.3	96.0	97.6	98.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 0	31.6	73.4	79.1	87.9	92.3	94.3	96.0	97.6	98.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS: 297

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 76-87
MONTH: MAR HOURS(151): 1900-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	GE 1	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11	GE 12	GE 13	GE 14	GE 15
NO CEIL	13.5	24.0	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.7	25.7	25.7	25.7	25.7	25.7	25.7
GE 20000	19.2	34.5	36.1	37.8	37.8	38.2	38.2	38.2	38.2	38.5	38.5	38.5	38.5	38.5	38.5	38.5
GE 18000	19.2	34.5	36.1	37.8	37.8	38.2	38.2	38.2	38.2	38.5	38.5	38.5	38.5	38.5	38.5	38.5
GE 16000	19.2	34.5	36.1	37.8	37.8	38.2	38.2	38.2	38.2	38.5	38.5	38.5	38.5	38.5	38.5	38.5
GE 14000	19.2	34.5	36.1	37.8	37.8	38.2	38.2	38.2	38.2	38.5	38.5	38.5	38.5	38.5	38.5	38.5
GE 12000	19.2	34.5	36.1	37.8	37.8	38.2	38.2	38.2	38.2	38.5	38.5	38.5	38.5	38.5	38.5	38.5
GE 10000	23.6	50.0	53.0	55.1	56.1	56.8	56.8	57.4	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 9000	23.6	50.0	53.0	55.1	56.1	56.8	56.8	57.4	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 8000	23.6	50.0	53.0	55.1	56.1	56.8	56.8	57.4	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 7000	23.6	50.0	53.0	55.1	56.1	56.8	56.8	57.4	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 6000	23.6	50.0	53.0	55.1	56.1	56.8	56.8	57.4	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 5000	23.6	50.0	53.4	55.4	56.4	57.1	57.1	57.8	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 4500	23.6	50.0	53.4	55.4	56.4	57.1	57.1	57.8	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 4000	24.0	51.4	54.4	56.4	57.4	58.1	58.1	58.8	59.1	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 3500	24.3	52.7	55.7	57.8	58.8	59.5	59.5	60.1	60.5	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 3000	24.3	53.7	56.7	58.8	59.8	60.5	60.5	61.1	61.5	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 2500	24.7	56.8	60.8	62.8	63.9	64.5	64.5	65.2	65.5	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 2000	26.0	60.8	65.2	67.9	68.9	69.9	69.9	71.3	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 1800	27.4	63.2	67.6	71.0	73.6	74.7	74.7	76.4	77.0	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 1500	28.0	66.9	72.3	77.7	80.1	81.1	81.4	83.1	83.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 1200	28.4	71.3	74.0	85.5	89.2	91.2	91.9	93.6	94.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1000	28.4	72.0	78.7	86.5	90.5	92.9	93.6	95.3	97.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	28.4	72.0	78.7	86.5	90.5	93.2	93.9	95.6	97.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 800	28.4	72.0	78.7	86.5	90.5	93.2	93.9	95.9	97.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	28.4	72.0	78.7	86.5	90.5	93.2	93.9	95.9	98.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	28.4	72.0	78.7	86.5	90.5	93.2	93.9	95.9	98.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	28.4	72.0	78.7	86.5	90.5	93.2	93.9	95.9	98.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	28.4	72.0	78.7	86.5	90.5	93.2	93.9	95.9	98.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	28.4	72.0	78.7	86.5	90.5	93.2	93.9	95.9	98.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	28.4	72.0	78.7	86.5	90.5	93.2	93.9	95.9	98.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	28.4	72.0	78.7	86.5	90.5	93.2	93.9	95.9	98.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 0	28.4	72.0	78.7	86.5	90.5	93.2	93.9	95.9	98.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 296

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS (LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	15.9	30.2	33.2	33.6	33.6	33.6	34.2	34.2	34.2	34.6	34.6	34.6	34.9	35.2	35.2	35.5
GE 20000	18.3	34.6	37.9	38.5	38.5	38.5	39.2	39.2	39.2	39.5	39.5	39.5	39.9	40.2	40.2	40.5
GE 18000	18.3	34.6	37.9	38.5	38.5	38.5	39.2	39.2	39.2	39.5	39.5	39.5	39.9	40.2	40.2	40.5
GE 16000	18.3	34.6	37.9	38.5	38.5	38.5	39.2	39.2	39.2	39.5	39.5	39.5	39.9	40.2	40.2	40.5
GE 14000	18.3	34.6	37.9	38.5	38.5	38.5	39.2	39.2	39.2	39.5	39.5	39.5	39.9	40.2	40.2	40.5
GE 12000	18.3	34.6	37.9	38.5	38.5	38.5	39.2	39.2	39.2	39.5	39.5	39.5	39.9	40.2	40.2	40.5
GE 10000	24.6	47.8	51.5	53.5	54.2	54.5	55.5	55.5	55.5	55.8	55.8	55.8	56.1	56.5	56.5	56.8
GE 9000	24.6	47.8	51.5	53.5	54.2	54.5	55.5	55.5	55.5	55.8	55.8	55.8	56.1	56.5	56.5	56.8
GE 8000	24.6	47.8	51.5	53.5	54.2	54.5	55.5	55.5	55.5	55.8	55.8	55.8	56.1	56.5	56.5	56.8
GE 7000	24.6	47.8	51.5	53.5	54.2	54.5	55.5	55.5	55.5	55.8	55.8	55.8	56.1	56.5	56.5	56.8
GE 6000	24.6	47.8	51.5	53.5	54.2	54.5	55.5	55.5	55.5	55.8	55.8	55.8	56.1	56.5	56.5	56.8
GE 5000	24.6	47.8	51.5	53.5	54.2	54.5	55.5	55.5	55.5	55.8	55.8	55.8	56.1	56.5	56.5	56.8
GE 4500	24.6	47.8	51.5	53.5	54.5	54.8	55.8	55.8	55.8	56.1	56.1	56.1	56.5	56.8	56.8	57.1
GE 4000	24.6	47.8	51.5	53.5	54.5	54.8	55.8	55.8	55.8	56.1	56.1	56.1	56.5	56.8	56.8	57.1
GE 3500	24.6	47.8	51.5	53.5	54.5	54.8	55.8	55.8	55.8	56.1	56.1	56.1	56.5	56.8	56.8	57.1
GE 3000	24.6	47.8	51.5	53.5	54.5	54.8	55.8	55.8	55.8	56.1	56.1	56.1	56.5	56.8	56.8	57.1
GE 2500	24.6	47.8	51.5	53.5	54.5	54.8	55.8	55.8	55.8	56.1	56.1	56.1	56.5	56.8	56.8	57.1
GE 2000	24.6	47.8	51.5	53.5	54.5	54.8	55.8	55.8	55.8	56.1	56.1	56.1	56.5	56.8	56.8	57.1
GE 1800	24.6	47.8	51.5	53.5	54.5	54.8	55.8	55.8	55.8	56.1	56.1	56.1	56.5	56.8	56.8	57.1
GE 1600	24.6	47.8	51.5	53.5	54.5	54.8	55.8	55.8	55.8	56.1	56.1	56.1	56.5	56.8	56.8	57.1
GE 1400	24.6	47.8	51.5	53.5	54.5	54.8	55.8	55.8	55.8	56.1	56.1	56.1	56.5	56.8	56.8	57.1
GE 1200	24.6	47.8	51.5	53.5	54.5	54.8	55.8	55.8	55.8	56.1	56.1	56.1	56.5	56.8	56.8	57.1
GE 1000	24.6	47.8	51.5	53.5	54.5	54.8	55.8	55.8	55.8	56.1	56.1	56.1	56.5	56.8	56.8	57.1
GE 900	24.6	47.8	51.5	53.5	54.5	54.8	55.8	55.8	55.8	56.1	56.1	56.1	56.5	56.8	56.8	57.1
GE 800	24.6	47.8	51.5	53.5	54.5	54.8	55.8	55.8	55.8	56.1	56.1	56.1	56.5	56.8	56.8	57.1
GE 700	24.6	47.8	51.5	53.5	54.5	54.8	55.8	55.8	55.8	56.1	56.1	56.1	56.5	56.8	56.8	57.1
GE 600	24.6	47.8	51.5	53.5	54.5	54.8	55.8	55.8	55.8	56.1	56.1	56.1	56.5	56.8	56.8	57.1
GE 500	24.6	47.8	51.5	53.5	54.5	54.8	55.8	55.8	55.8	56.1	56.1	56.1	56.5	56.8	56.8	57.1
GE 400	24.6	47.8	51.5	53.5	54.5	54.8	55.8	55.8	55.8	56.1	56.1	56.1	56.5	56.8	56.8	57.1
GE 300	24.6	47.8	51.5	53.5	54.5	54.8	55.8	55.8	55.8	56.1	56.1	56.1	56.5	56.8	56.8	57.1
GE 200	24.6	47.8	51.5	53.5	54.5	54.8	55.8	55.8	55.8	56.1	56.1	56.1	56.5	56.8	56.8	57.1
GE 100	24.6	47.8	51.5	53.5	54.5	54.8	55.8	55.8	55.8	56.1	56.1	56.1	56.5	56.8	56.8	57.1
GE 0	24.6	47.8	51.5	53.5	54.5	54.8	55.8	55.8	55.8	56.1	56.1	56.1	56.5	56.8	56.8	57.1

TOTAL NUMBER OF OBSERVATIONS: 301

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 1 1/4	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11	GE 12	GE 13	GE 14	GE 15
NO CEIL	14.3	24.9	26.5	27.7	28.1	28.3	28.5	28.6	28.7	28.8	28.8	28.8	28.8	28.8	28.8	28.8
GE 20000	17.1	32.4	34.9	36.8	37.4	37.6	37.9	38.0	38.1	38.3	38.4	38.4	38.6	38.8	38.8	39.0
GE 18000	17.1	32.4	34.9	36.8	37.4	37.6	37.9	38.0	38.1	38.3	38.4	38.4	38.6	38.8	38.8	39.0
GE 16000	17.1	32.4	34.9	36.8	37.4	37.6	37.9	38.0	38.1	38.3	38.4	38.4	38.6	38.8	38.8	39.0
GE 14000	17.1	32.4	34.9	36.8	37.4	37.6	37.9	38.0	38.1	38.3	38.4	38.4	38.6	38.8	38.8	39.0
GE 12000	17.1	32.4	34.9	36.8	37.4	37.6	37.9	38.0	38.1	38.3	38.4	38.4	38.6	38.8	38.8	39.0
GE 10000	21.5	45.0	48.7	52.6	54.4	55.3	55.8	56.3	56.5	56.9	57.0	57.0	57.2	57.4	57.4	57.6
GE 9000	21.5	45.0	48.7	52.6	54.4	55.3	55.8	56.3	56.5	56.9	57.0	57.0	57.2	57.4	57.4	57.6
GE 8000	21.5	45.0	48.7	52.6	54.4	55.3	55.8	56.3	56.5	56.9	57.0	57.0	57.2	57.4	57.4	57.6
GE 7000	21.5	45.0	48.7	52.6	54.4	55.3	55.8	56.3	56.5	56.9	57.0	57.0	57.2	57.4	57.4	57.6
GE 6000	21.5	45.0	48.7	52.6	54.4	55.3	55.8	56.3	56.5	56.9	57.0	57.0	57.2	57.4	57.4	57.6
GE 5000	21.6	45.1	48.8	52.7	54.6	55.4	55.9	56.4	56.7	57.0	57.1	57.1	57.3	57.6	57.6	57.7
GE 4500	21.6	45.3	49.0	52.9	54.8	55.7	56.2	56.7	56.9	57.3	57.3	57.4	57.6	57.8	57.8	57.9
GE 4000	21.9	46.1	49.9	53.9	55.8	56.6	57.1	57.6	57.9	58.2	58.3	58.4	58.5	58.8	58.8	58.9
GE 3500	22.2	46.8	50.7	54.7	56.6	57.5	58.0	58.5	58.7	59.1	59.2	59.2	59.4	59.6	59.6	59.8
GE 3000	22.5	47.6	51.9	56.0	57.9	58.8	59.3	59.8	60.1	60.4	60.5	60.5	60.7	60.9	60.9	61.1
GE 2500	23.7	51.3	55.9	60.1	62.2	63.0	63.5	64.0	64.3	64.6	64.7	64.8	64.9	65.2	65.2	65.3
GE 2000	25.3	56.0	61.2	66.0	68.4	69.5	70.0	70.6	70.9	71.3	71.4	71.5	71.6	71.9	71.9	72.0
GE 1800	26.0	58.2	63.7	69.3	71.9	73.1	73.7	74.4	74.7	75.1	75.3	75.3	75.5	75.8	75.8	75.9
GE 1600	26.8	62.0	68.3	74.9	77.8	79.3	80.1	80.9	81.2	81.7	81.9	81.9	82.1	82.4	82.4	82.5
GE 1400	27.4	65.3	72.7	81.1	85.1	87.3	88.2	89.4	90.0	90.5	90.6	90.7	90.9	91.3	91.3	91.4
GE 1200	27.6	66.5	74.3	83.1	87.5	89.8	91.0	92.2	93.1	93.6	93.8	93.8	94.1	94.5	94.5	94.6
GE 1000	27.7	66.6	74.7	83.6	88.1	90.5	91.9	93.1	94.0	94.6	94.8	94.8	95.1	95.5	95.5	95.6
GE 900	27.7	66.8	74.9	84.0	88.7	91.1	92.5	93.9	94.7	95.5	95.7	95.7	96.0	96.4	96.4	96.5
GE 800	27.7	67.0	75.3	84.5	89.2	91.7	93.1	94.6	95.6	96.3	96.5	96.6	96.9	97.2	97.2	97.4
GE 700	27.7	67.1	75.4	84.7	89.5	92.0	93.5	95.1	96.1	96.8	97.0	97.1	97.4	97.8	97.8	97.9
GE 600	27.7	67.1	75.5	84.8	89.6	92.0	93.6	95.2	96.2	97.0	97.2	97.2	97.5	98.0	98.0	98.1
GE 500	27.7	67.1	75.5	84.8	89.6	92.0	93.6	95.3	96.2	97.1	97.3	97.4	97.7	98.1	98.1	98.3
GE 400	27.7	67.1	75.5	84.8	89.6	92.1	93.6	95.3	96.3	97.1	97.4	97.4	97.7	98.2	98.2	98.3
GE 300	27.7	67.1	75.5	84.8	89.6	92.1	93.6	95.3	96.3	97.1	97.4	97.4	97.7	98.6	98.6	98.8
GE 200	27.7	67.1	75.5	84.8	89.6	92.1	93.6	95.3	96.3	97.1	97.4	97.4	97.7	98.9	98.9	99.4
GE 100	27.7	67.1	75.5	84.8	89.6	92.1	93.6	95.3	96.3	97.1	97.4	97.4	97.7	98.9	98.9	99.4
GE 0	27.7	67.1	75.5	84.8	89.6	92.1	93.6	95.3	96.3	97.1	97.4	97.4	97.7	98.9	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 2361

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKANGELSK USSR

PERIOD OF RECORD: 78-87

MONTH: APR HOURS (LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 7/8	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	37.9	40.7	42.5	42.8	44.2	44.6	44.6	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 20000	34.4	45.6	47.4	47.7	49.1	49.5	49.5	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 18000	34.4	45.6	47.4	47.7	49.1	49.5	49.5	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 16000	34.4	45.6	47.4	47.7	49.1	49.5	49.5	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 14000	34.4	45.6	47.4	47.7	49.1	49.5	49.5	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 12000	34.4	45.6	47.4	47.7	49.1	49.5	49.5	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 10000	41.8	61.1	63.9	64.6	66.0	66.3	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 9000	41.8	61.1	63.9	64.6	66.0	66.3	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 8000	41.8	61.1	63.9	64.6	66.0	66.3	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 7000	41.8	61.1	63.9	64.6	66.0	66.3	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 6000	41.8	61.1	63.9	64.6	66.0	66.3	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 5000	42.1	61.4	64.2	64.9	66.3	66.7	66.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 4500	42.1	61.4	64.2	64.9	66.3	67.0	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 4000	42.8	62.6	65.3	66.0	67.4	68.1	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 3500	44.6	64.6	67.4	68.1	69.5	70.2	70.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 3000	44.3	65.6	68.3	69.5	71.2	71.9	71.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 2500	47.0	68.8	71.9	72.6	74.4	75.1	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 2000	47.4	71.6	74.7	75.4	77.5	78.2	78.2	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 1800	49.1	73.0	76.5	77.2	79.3	80.0	80.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 1500	49.8	74.7	78.6	79.6	82.5	83.2	83.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 1200	48.8	77.5	82.4	84.6	87.4	88.4	89.1	90.2	90.5	90.9	90.9	90.9	91.2	91.2	91.2	91.2	91.2	91.2
GE 1000	48.8	78.2	83.5	86.3	89.1	90.5	91.2	92.3	92.6	93.0	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3
GE 900	48.8	78.9	84.6	87.0	89.8	91.6	92.3	93.3	93.7	94.0	94.0	94.0	94.4	94.4	94.7	94.7	94.7	94.7
GE 800	48.8	78.9	84.6	87.4	90.2	91.9	92.6	93.7	94.0	94.4	94.4	94.4	94.7	95.1	95.4	95.4	95.4	95.4
GE 700	48.8	75.3	85.6	89.1	92.3	94.0	94.7	95.8	96.5	96.8	97.2	97.5	97.9	98.2	98.2	98.2	98.2	98.2
GE 600	48.8	75.3	86.0	89.5	92.6	94.4	95.1	96.1	96.8	97.2	97.5	97.9	98.2	98.2	98.2	98.2	98.2	98.2
GE 500	48.8	75.3	86.0	89.5	92.6	94.4	95.4	96.5	97.2	97.5	97.9	98.2	98.6	98.6	98.6	98.6	98.6	98.6
GE 400	49.1	75.6	86.3	89.8	93.0	94.7	95.8	96.8	97.5	98.6	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	49.1	75.6	86.3	89.8	93.0	94.7	95.8	96.8	97.5	98.6	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	49.1	75.6	86.3	89.8	93.0	94.7	95.8	96.8	97.5	98.6	98.9	99.3	99.6	99.6	100.0	100.0	100.0	100.0
GE 100	49.1	75.6	86.3	89.8	93.0	94.7	95.8	96.8	97.5	98.6	98.9	99.3	99.6	99.6	100.0	100.0	100.0	100.0
GE 0	49.1	75.6	86.3	89.8	93.0	94.7	95.8	96.8	97.5	98.6	98.9	99.3	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 265

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: APP HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 1/16	GE 1/4	GE 0		
NO CEIL	27.5	31.0	33.0	34.0	34.0	34.0	34.7	35.1	35.1	35.1	35.1	35.1	35.8	36.1	36.1	36.5		
GE 20000	24.7	37.8	39.2	40.3	40.3	40.3	41.0	41.3	41.3	41.3	41.3	41.3	42.0	42.4	42.4	42.7		
GE 18000	24.7	37.8	39.2	40.3	40.3	40.3	41.0	41.3	41.3	41.3	41.3	41.3	42.0	42.4	42.4	42.7		
GE 16000	24.7	37.8	39.2	40.3	40.3	40.3	41.0	41.3	41.3	41.3	41.3	41.3	42.0	42.4	42.4	42.7		
GE 14000	24.7	37.8	39.2	40.3	40.3	40.3	41.0	41.3	41.3	41.3	41.3	41.3	42.0	42.4	42.4	42.7		
GE 12000	24.7	37.8	39.2	40.3	40.3	40.3	41.0	41.3	41.3	41.3	41.3	41.3	42.0	42.4	42.4	42.7		
GE 10000	35.6	56.3	59.0	60.4	60.4	60.4	61.5	62.2	62.2	62.2	62.2	62.2	63.2	63.5	63.5	63.9		
GE 9000	35.6	56.3	59.0	60.4	60.4	60.4	61.5	62.2	62.2	62.2	62.2	62.2	63.2	63.5	63.5	63.9		
GE 8000	35.6	56.3	59.0	60.4	60.4	60.4	61.5	62.2	62.2	62.2	62.2	62.2	63.2	63.5	63.5	63.9		
GE 7000	35.6	56.3	59.0	60.4	60.4	60.4	61.5	62.2	62.2	62.2	62.2	62.2	63.2	63.5	63.5	63.9		
GE 6000	35.6	56.3	59.0	60.4	60.4	60.4	61.5	62.2	62.2	62.2	62.2	62.2	63.2	63.5	63.5	63.9		
GE 5000	36.5	56.9	59.7	61.1	61.1	61.1	62.2	62.8	62.8	62.8	62.8	62.8	63.9	64.2	64.2	64.6		
GE 4500	36.8	57.3	60.1	61.5	61.5	61.5	62.5	63.2	63.2	63.2	63.2	63.2	64.2	64.6	64.6	64.9		
GE 4000	37.2	58.3	61.1	62.5	62.5	62.5	63.5	64.2	64.2	64.2	64.2	64.2	65.3	65.6	65.6	66.0		
GE 3500	37.8	59.4	62.2	63.5	63.5	63.5	64.6	65.3	65.3	65.3	65.3	65.3	66.3	66.7	66.7	67.0		
GE 3000	38.9	60.8	63.5	65.3	65.3	65.3	66.3	67.0	67.0	67.0	67.0	67.0	68.1	68.4	68.4	68.8		
GE 2500	40.3	64.2	67.4	69.1	69.1	69.4	70.5	71.2	71.2	71.2	71.2	71.2	72.2	72.6	72.6	72.9		
GE 2000	41.7	68.1	71.5	73.6	73.6	74.7	75.7	76.4	76.4	76.4	76.4	76.4	77.4	77.8	77.8	78.1		
GE 1800	42.4	69.9	73.6	75.7	75.7	76.7	77.8	78.5	78.5	78.5	78.5	78.5	79.5	79.9	79.9	80.2		
GE 1500	43.8	71.9	76.0	78.8	78.8	79.9	80.9	81.9	81.9	82.3	82.3	82.3	83.3	83.7	83.7	84.0		
GE 1200	44.1	72.6	77.8	81.6	81.9	83.3	85.1	86.1	86.1	86.5	86.5	86.5	87.4	88.2	88.2	88.5		
GE 1000	45.1	74.0	79.5	83.3	84.0	85.4	87.2	88.2	88.2	88.5	88.5	88.5	89.9	90.3	90.3	90.6		
GE 900	45.1	74.7	80.6	84.4	85.1	86.5	88.2	89.6	89.6	89.9	89.9	89.9	91.3	91.7	91.7	92.0		
GE 800	45.5	75.7	81.6	85.4	86.1	87.5	89.2	90.6	90.6	91.0	91.0	91.0	92.4	93.4	93.4	93.8		
GE 700	45.5	76.4	82.3	86.5	87.5	88.9	90.6	92.4	92.4	93.4	93.4	93.4	94.8	95.1	95.1	95.5		
GE 600	45.5	76.7	82.6	86.8	87.8	89.2	91.0	93.1	93.1	94.1	94.1	94.1	95.5	95.8	95.8	96.2		
GE 500	45.5	76.7	82.6	86.8	87.8	89.2	91.0	93.1	93.1	94.1	94.1	94.1	95.5	95.8	95.8	96.2		
GE 400	45.5	77.1	83.0	87.2	88.2	89.6	91.3	93.4	93.4	94.4	94.4	94.4	95.8	96.2	96.2	96.5		
GE 300	45.5	77.1	83.0	87.2	88.2	89.6	91.3	93.4	93.4	94.4	94.4	94.4	95.8	96.2	96.2	96.5		
GE 200	45.5	77.1	83.0	87.2	88.2	89.6	91.3	93.4	93.4	94.4	94.4	94.4	95.8	96.2	96.2	96.5		
GE 100	45.5	77.1	83.0	87.2	88.2	89.6	91.3	93.4	93.4	94.4	94.4	94.4	95.8	96.2	96.2	96.5		
GE 0	45.5	77.1	83.0	87.2	88.2	89.6	91.3	93.4	93.4	94.4	94.4	94.4	95.8	96.2	96.2	96.5		

TOTAL NUMBER OF OBSERVATIONS: 208

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARK-ANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(IST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 1/2	GE 1/4	GE 1/8	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	17.8	22.7	23.1	24.1	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	25.5	26.6	26.9
GE 20000	25.9	31.8	32.5	33.9	34.6	34.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	36.0	37.1	37.4
GE 18000	25.9	31.8	32.5	33.9	34.6	34.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	36.0	37.1	37.4
GE 16000	25.9	31.8	32.5	33.9	34.6	34.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	36.0	37.1	37.4
GE 14000	25.9	31.8	32.5	33.9	34.6	34.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	36.0	37.1	37.4
GE 12000	25.9	31.8	32.5	33.9	34.6	34.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	36.0	37.1	37.4
GE 10000	37.1	53.1	55.2	57.7	58.7	58.7	59.1	59.4	60.1	60.5	60.8	60.8	60.8	62.2	63.3	63.6
GE 9000	37.1	53.1	55.2	57.7	58.7	58.7	59.1	59.4	60.1	60.5	60.8	60.8	60.8	62.2	63.3	63.6
GE 8000	37.1	53.1	55.2	57.7	58.7	58.7	59.1	59.4	60.1	60.5	60.8	60.8	60.8	62.2	63.3	63.6
GE 7000	37.1	53.1	55.2	57.7	58.7	58.7	59.1	59.4	60.1	60.5	60.8	60.8	60.8	62.2	63.3	63.6
GE 6000	37.1	53.1	55.2	57.7	58.7	58.7	59.1	59.4	60.1	60.5	60.8	60.8	60.8	62.2	63.3	63.6
GE 5000	37.1	53.1	55.2	57.7	58.7	58.7	59.1	59.4	60.1	60.5	60.8	60.8	60.8	62.2	63.3	63.6
GE 4000	37.4	53.5	55.6	58.0	59.1	59.1	59.4	59.8	60.5	60.8	61.2	61.2	61.2	62.6	63.6	64.0
GE 3000	37.4	54.5	57.0	59.8	60.8	60.8	61.2	61.5	62.2	62.6	62.9	63.6	64.0	64.3	65.4	65.7
GE 2000	39.8	55.9	59.4	61.2	62.2	62.2	62.6	62.9	63.6	64.0	64.3	64.3	64.3	65.7	66.8	67.1
GE 1000	39.9	57.3	59.6	62.6	63.6	63.6	64.0	64.3	65.0	65.4	65.7	65.7	65.7	67.1	68.2	68.5
GE 2000	40.9	59.4	63.3	66.1	67.5	67.5	67.8	68.5	69.2	69.6	69.9	69.9	69.9	71.3	72.4	72.7
GE 2000	41.3	63.6	67.8	71.1	73.1	73.4	74.1	74.8	75.5	75.9	76.2	76.2	76.2	77.6	78.7	79.0
GE 1800	40.0	64.7	69.9	73.1	75.2	75.5	76.2	76.9	77.6	78.0	78.3	78.3	78.3	79.7	80.8	81.1
GE 1600	42.3	66.4	70.6	75.2	77.3	77.6	78.7	79.4	80.1	80.8	81.1	81.1	81.1	82.5	83.6	83.9
GE 1400	42.3	68.5	73.4	78.7	81.1	81.8	82.9	83.9	84.6	86.0	86.4	86.4	86.4	87.8	88.8	89.2
GE 1200	42.7	69.9	74.8	80.8	83.2	84.3	85.3	86.7	87.4	88.8	89.2	89.5	89.5	90.9	92.0	92.3
GE 1000	42.7	69.9	74.8	81.1	83.6	84.6	85.7	87.1	87.8	89.2	89.5	90.9	90.9	92.0	93.0	93.7
GE 900	42.7	69.9	75.2	81.5	83.9	85.0	86.0	87.4	88.1	89.5	90.6	91.6	91.6	92.3	93.4	94.1
GE 800	42.7	69.9	75.2	81.5	84.3	85.3	86.4	87.8	88.5	90.2	91.6	92.0	92.0	93.4	94.4	95.1
GE 700	42.7	69.9	75.2	81.5	84.3	85.3	86.4	87.8	88.5	90.2	91.6	92.0	92.0	93.4	94.4	95.1
GE 600	42.7	69.9	75.2	81.5	84.3	85.3	86.4	87.8	88.5	90.2	91.6	92.0	92.0	93.4	94.4	95.1
GE 500	42.7	69.9	75.2	81.5	84.3	85.3	86.4	87.8	88.5	90.2	91.6	92.0	92.0	93.4	94.4	95.1
GE 400	42.7	69.9	75.2	81.5	84.3	85.3	86.4	87.8	88.5	90.2	91.6	92.0	92.0	93.4	94.4	95.1
GE 300	42.7	69.9	75.2	81.5	84.3	85.3	86.4	87.8	88.5	90.2	91.6	92.0	92.0	93.4	94.4	95.1
GE 200	42.7	69.9	75.2	81.5	84.3	85.3	86.4	87.8	88.5	90.2	91.6	92.0	92.0	93.4	94.4	95.1
GE 100	42.7	69.9	75.2	81.5	84.3	85.3	86.4	87.8	88.5	90.2	91.6	92.0	92.0	93.4	94.4	95.1
GE 0	42.7	69.9	75.2	81.5	84.3	85.3	86.4	87.8	88.5	90.2	91.6	92.0	92.0	93.4	94.4	95.1

TOTAL NUMBER OF OBSERVATIONS: 286

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 76-87
MONTH: APR HOURS (LST): 0900-1100

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	1	21.6	27.1	27.9	29.4	29.4	29.7	30.5	30.5	30.5	30.9	31.2	31.2	31.2	31.2	31.2	31.2
GE 20000	27.5	35.7	36.4	38.3	38.3	39.0	39.8	40.1	40.1	40.5	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 18000	27.5	35.7	36.4	38.3	38.3	39.0	39.8	40.1	40.1	40.5	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 16000	27.5	35.7	36.4	38.3	38.3	39.0	39.8	40.1	40.1	40.5	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 14000	27.5	35.7	36.4	38.3	38.3	39.0	39.8	40.1	40.1	40.5	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 12000	27.5	35.7	36.4	38.3	38.3	39.0	39.8	40.1	40.1	40.5	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 10000	26.8	54.6	56.1	60.2	61.0	61.7	62.5	63.2	63.2	63.9	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 9000	36.8	54.6	56.1	60.2	61.0	61.7	62.5	63.2	63.2	63.9	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 8000	36.8	54.6	56.1	60.2	61.0	61.7	62.5	63.2	63.2	63.9	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 7000	36.8	54.6	56.1	60.2	61.0	61.7	62.5	63.2	63.2	63.9	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 6000	36.8	54.6	56.1	60.2	61.0	61.7	62.5	63.2	63.2	63.9	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 5000	36.8	54.6	56.1	60.2	61.0	61.7	62.5	63.2	63.2	63.9	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 4500	36.8	54.6	56.1	60.2	61.0	61.7	62.5	63.2	63.2	63.9	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 4000	37.5	55.8	57.2	61.3	62.1	62.8	63.6	64.3	64.3	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 3500	37.9	56.5	58.0	62.1	62.8	63.6	64.3	65.1	65.1	65.8	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 3000	39.0	58.5	60.2	64.3	65.1	65.8	66.5	67.3	67.3	68.0	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 2500	39.8	59.9	62.1	66.2	68.0	68.8	69.5	70.3	70.3	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 2000	40.1	62.8	65.4	69.5	72.1	72.9	73.6	74.7	74.7	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 1800	40.5	65.4	68.0	72.1	74.7	75.5	76.2	77.3	77.7	78.4	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 1500	41.6	68.8	72.1	77.0	79.9	80.7	81.4	82.9	83.3	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 1200	42.0	71.4	75.8	82.2	85.9	86.6	87.4	89.6	90.7	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1000	42.4	72.5	77.7	84.4	88.1	88.8	89.6	91.8	92.9	94.4	94.8	94.8	95.2	95.2	95.2	95.2	95.2
GE 900	42.4	72.5	77.7	84.4	88.1	88.8	89.6	91.8	92.9	94.4	94.8	94.8	95.2	95.2	95.2	95.2	95.2
GE 800	42.4	72.9	78.1	84.8	88.5	89.2	90.0	92.2	93.3	94.8	95.2	95.2	95.5	95.5	95.5	95.5	95.5
GE 700	42.4	73.2	78.4	85.5	89.2	90.3	91.1	93.3	94.4	95.9	96.3	96.3	96.7	96.7	96.7	96.7	96.7
GE 600	42.4	73.2	78.4	85.5	89.2	90.7	91.4	93.7	94.8	96.3	96.7	96.7	97.0	97.0	97.0	97.0	97.0
GE 500	42.4	73.2	78.4	85.5	89.2	90.7	91.8	94.1	95.2	96.7	97.4	97.4	97.8	97.8	97.8	97.8	97.8
GE 400	42.4	73.2	78.4	85.5	89.2	90.7	91.8	94.1	95.2	96.7	97.4	97.4	97.8	97.8	97.8	97.8	97.8
GE 300	42.4	73.2	78.4	85.5	89.2	90.7	91.8	94.1	95.2	96.7	97.4	97.4	97.8	97.8	97.8	97.8	97.8
GE 200	42.4	73.2	78.4	85.5	89.2	90.7	91.8	94.1	95.2	96.7	97.4	97.4	97.8	98.5	98.5	98.5	98.5
GE 100	42.4	73.2	78.4	85.5	89.2	90.7	91.8	94.1	95.2	96.7	97.4	97.8	98.5	98.5	99.3	100.0	100.0
GE 0	42.4	73.2	78.4	85.5	89.2	90.7	91.8	94.1	95.2	96.7	97.4	97.8	98.5	98.5	99.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 269

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: APR HOURS (LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	23.4	25.4	37.4	30.0	31.1	31.1	31.1	31.1	31.1	31.1	31.5	31.5	31.5	31.5	31.5	31.5	31.5
GE 20000	32.2	35.9	41.3	42.0	42.3	42.3	42.7	42.7	42.7	42.7	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 18000	32.2	35.9	41.3	42.0	42.3	42.3	42.7	42.7	42.7	42.7	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 16000	32.2	35.9	41.3	42.0	42.3	42.3	42.7	42.7	42.7	42.7	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 14000	32.2	35.9	41.3	42.0	42.3	42.3	42.7	42.7	42.7	42.7	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 12000	32.2	35.9	41.3	42.0	42.3	42.3	42.7	42.7	42.7	42.7	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 10000	42.0	53.1	55.2	57.0	58.0	58.4	59.1	59.1	59.1	59.1	59.4	59.4	59.4	59.4	59.8	59.8	59.8
GE 9000	42.0	53.1	55.2	57.0	58.0	58.4	59.1	59.1	59.1	59.1	59.4	59.4	59.4	59.4	59.8	59.8	59.8
GE 8000	42.0	53.1	55.2	57.0	58.0	58.4	59.1	59.1	59.1	59.1	59.4	59.4	59.4	59.4	59.8	59.8	59.8
GE 7000	42.0	53.1	55.2	57.0	58.0	58.4	59.1	59.1	59.1	59.1	59.4	59.4	59.4	59.4	59.8	59.8	59.8
GE 6000	42.0	53.1	55.2	57.0	58.0	58.4	59.1	59.1	59.1	59.1	59.4	59.4	59.4	59.4	59.8	59.8	59.8
GE 5000	42.0	53.1	55.2	57.0	58.0	58.4	59.1	59.1	59.1	59.1	59.4	59.4	59.4	59.4	59.8	59.8	59.8
GE 4500	42.0	53.1	55.2	57.0	58.0	58.4	59.1	59.1	59.1	59.1	59.4	59.4	59.4	59.4	59.8	59.8	59.8
GE 4000	43.7	55.6	57.7	59.4	60.5	60.8	61.5	61.5	61.5	61.5	61.9	61.9	61.9	61.9	62.2	62.2	62.2
GE 3500	45.5	58.0	60.1	61.9	62.9	63.3	64.0	64.0	64.0	64.0	64.3	64.3	64.3	64.3	64.7	64.7	64.7
GE 3000	45.8	58.4	60.5	62.2	63.3	63.6	64.3	64.3	64.3	64.3	64.7	64.7	64.7	64.7	65.0	65.0	65.0
GE 2500	47.3	65.4	67.6	69.9	71.0	71.3	72.0	72.0	72.0	72.0	72.4	72.4	72.4	72.4	72.7	72.7	72.7
GE 2000	50.3	69.6	72.4	74.8	75.9	76.6	77.3	77.3	77.3	77.3	77.6	77.6	77.6	77.6	78.3	78.3	78.3
GE 1800	51.7	73.1	75.5	78.4	80.4	81.5	82.2	82.2	82.2	82.2	82.5	82.5	82.5	82.5	83.2	83.2	83.2
GE 1500	57.5	76.2	79.7	83.9	85.3	86.0	87.1	87.4	87.4	87.4	87.6	87.8	87.8	87.8	88.5	88.5	88.5
GE 1200	54.5	75.7	83.0	88.1	90.2	91.3	92.3	93.0	93.0	93.0	93.4	93.4	93.4	93.4	94.4	94.4	94.4
GE 1000	54.5	80.4	84.0	89.2	91.6	93.0	94.1	94.8	95.1	95.1	95.8	95.8	95.8	96.2	97.2	97.2	97.2
GE 900	54.5	81.1	85.7	90.2	92.7	94.1	95.5	96.2	96.9	97.6	97.6	97.6	97.6	97.9	99.0	99.0	99.0
GE 800	54.5	81.1	85.7	90.2	92.7	94.1	95.5	96.2	97.2	97.9	97.9	97.9	97.9	98.3	99.3	99.3	99.3
GE 700	54.5	81.1	85.7	90.2	92.7	94.1	95.5	96.2	97.2	97.9	97.9	97.9	97.9	98.3	99.3	99.3	99.3
GE 600	54.5	81.1	85.7	90.2	92.7	94.1	95.5	96.2	97.2	97.9	97.9	97.9	97.9	98.3	99.3	99.3	99.3
GE 500	54.5	81.1	85.7	90.2	92.7	94.1	95.5	96.2	97.2	97.9	97.9	97.9	97.9	98.3	99.3	99.3	99.3
GE 400	54.5	81.1	85.7	90.2	93.0	94.4	95.8	96.5	97.6	98.3	98.3	98.3	98.3	98.6	99.7	99.7	99.7
GE 300	54.5	81.1	85.7	90.2	93.0	94.4	95.8	96.5	97.6	98.3	98.3	98.3	98.3	98.6	99.7	99.7	99.7
GE 200	54.5	81.1	85.7	90.2	93.0	94.4	95.8	96.5	97.6	98.3	98.3	98.3	98.3	98.6	99.7	99.7	99.7
GE 100	54.5	81.1	85.7	90.2	93.0	94.4	95.8	96.5	97.6	98.3	98.3	98.3	98.3	98.6	99.7	99.7	99.7
GE 0	54.5	81.1	85.7	90.2	93.0	94.4	95.8	96.5	97.6	98.3	98.3	98.3	98.3	98.6	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 246

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 74-87

MONTH: APR HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11	GE 12	GE 13	GE 14	GE 15	GE 16	GE 17
NO CEIL	25.0	31.3	31.3	32.0	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
GE 2000	33.3	35.9	40.2	41.6	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 1800	33.3	35.9	40.2	41.6	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 1600	33.3	35.9	40.2	41.6	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 1400	33.3	35.9	40.2	41.6	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 1200	33.3	35.9	40.2	41.6	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 1000	44.7	55.5	60.1	61.9	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 900	44.7	55.5	60.1	61.9	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 800	44.7	55.5	60.1	61.9	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 700	44.7	55.5	60.1	61.9	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 600	44.7	55.5	60.1	61.9	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 500	47.0	59.8	67.5	69.1	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 400	49.4	60.1	61.2	62.9	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 300	47.1	62.5	63.2	64.9	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 200	47.8	63.6	64.3	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 100	50.9	66.7	67.4	69.1	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 2500	54.0	72.5	73.5	75.6	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 2000	55.3	75.9	77.1	80.8	81.8	81.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 1800	56.7	78.7	80.8	83.5	84.5	84.5	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 1600	58.1	81.4	83.5	86.6	88.3	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1400	59.8	84.9	87.6	91.8	94.2	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 1200	59.8	85.9	89.0	93.1	95.9	95.9	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1000	59.8	86.3	89.3	93.5	96.2	96.2	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 900	59.8	86.9	90.3	94.2	96.9	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 800	59.8	86.9	90.3	94.2	96.9	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 700	59.8	86.9	90.3	94.2	96.9	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 600	59.8	86.9	90.3	94.2	96.9	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 500	60.1	86.9	90.3	94.2	96.9	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 400	60.1	86.9	90.3	94.2	96.9	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 300	60.1	86.9	90.3	94.2	96.9	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 200	60.1	86.9	90.3	94.2	96.9	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 100	60.1	86.9	90.3	94.2	96.9	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6

TOTAL NUMBER OF OBSERVATIONS: 291

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARK-HANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: APR HOURS (LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	25.3	33.3	35.1	35.4	35.8	35.8	35.8	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
GE 20000	33.0	43.8	45.8	46.2	46.5	46.5	46.5	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 18000	33.0	43.8	45.8	46.2	46.5	46.5	46.5	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 16000	33.0	43.8	45.8	46.2	46.5	46.5	46.5	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 14000	33.0	43.8	45.8	46.2	46.5	46.5	46.5	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 12000	33.0	43.8	45.8	46.2	46.5	46.5	46.5	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 10000	45.8	66.0	69.1	68.4	68.8	68.8	69.1	69.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 9000	45.8	66.0	68.1	68.4	68.8	68.8	69.1	69.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 8000	45.8	66.0	68.1	68.4	68.8	68.8	69.1	69.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 7000	45.8	66.0	68.1	68.4	68.8	68.8	69.1	69.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 6000	45.8	66.0	68.1	68.4	68.8	68.8	69.1	69.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 5000	46.2	66.3	68.4	68.8	69.1	69.1	69.4	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 4500	46.5	67.0	69.1	69.4	69.8	69.8	70.1	70.5	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 4000	47.2	69.4	71.5	71.9	72.2	72.2	72.6	72.9	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 3500	49.0	71.2	73.3	73.6	74.3	74.3	74.7	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 3000	49.0	71.9	74.0	74.7	75.3	75.3	75.7	76.0	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 2500	51.0	75.3	77.4	78.1	78.8	78.8	79.2	79.5	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 2000	53.5	80.2	82.3	83.3	84.0	84.0	84.4	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 1800	53.8	81.9	84.7	86.1	86.8	86.8	87.2	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1600	54.5	84.0	86.8	88.5	90.3	90.3	90.6	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1500	55.6	87.2	90.3	93.4	95.1	95.5	96.2	96.5	96.9	96.9	96.9	96.9	97.2	97.2	97.2	97.2
GE 1000	55.9	88.2	91.7	95.1	96.9	97.2	97.9	98.3	98.6	98.6	98.6	98.6	99.0	99.3	99.3	99.3
GE 900	55.9	88.2	91.7	95.1	96.9	97.2	97.9	98.3	98.6	98.6	98.6	98.6	99.0	99.3	99.3	99.3
GE 800	55.9	88.5	92.0	95.5	97.2	97.6	98.3	98.6	99.0	99.0	99.0	99.0	99.3	99.7	99.7	99.7
GE 700	55.9	88.9	92.4	95.8	97.6	97.9	98.6	99.0	99.3	99.3	99.3	99.3	99.7	100.0	100.0	100.0
GE 600	55.9	88.9	92.4	95.8	97.6	97.9	98.6	99.0	99.3	99.3	99.3	99.3	99.7	100.0	100.0	100.0
GE 500	55.9	88.9	92.4	95.8	97.6	97.9	98.6	99.0	99.3	99.3	99.3	99.3	99.7	100.0	100.0	100.0
GE 400	55.9	88.9	92.4	95.8	97.6	97.9	98.6	99.0	99.3	99.3	99.3	99.3	99.7	100.0	100.0	100.0
GE 300	55.9	88.9	92.4	95.8	97.6	97.9	98.6	99.0	99.3	99.3	99.3	99.3	99.7	100.0	100.0	100.0
GE 200	55.9	88.9	92.4	95.8	97.6	97.9	98.6	99.0	99.3	99.3	99.3	99.3	99.7	100.0	100.0	100.0
GE 100	55.9	88.9	92.4	95.8	97.6	97.9	98.6	99.0	99.3	99.3	99.3	99.3	99.7	100.0	100.0	100.0
GE 0	55.9	88.9	92.4	95.8	97.6	97.9	98.6	99.0	99.3	99.3	99.3	99.3	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 288

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87

MONTH: APR

HOURS(IST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 1/8	GE 1/16	GE 1/32
NO CEIL	27.2	40.0	41.0	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
GE 20000	32.1	47.9	49.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 18000	32.1	47.9	49.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 16000	32.1	47.9	49.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 14000	32.1	47.9	49.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 12000	32.1	47.9	49.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 10000	39.6	60.0	61.7	63.8	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 9000	39.6	60.0	61.7	63.8	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 8000	39.6	60.0	61.7	63.8	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 7000	39.6	60.0	61.7	63.8	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 6000	39.6	60.0	61.7	63.8	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 5000	39.6	60.0	61.7	63.8	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 4000	39.6	60.0	61.7	63.8	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 3000	39.6	60.0	61.7	63.8	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 2000	39.6	60.0	61.7	63.8	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 1000	39.6	60.0	61.7	63.8	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 500	39.6	60.0	61.7	63.8	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 200	39.6	60.0	61.7	63.8	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 100	39.6	60.0	61.7	63.8	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 50	39.6	60.0	61.7	63.8	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 20	39.6	60.0	61.7	63.8	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 10	39.6	60.0	61.7	63.8	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 5	39.6	60.0	61.7	63.8	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 2	39.6	60.0	61.7	63.8	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 1	39.6	60.0	61.7	63.8	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 0	39.6	60.0	61.7	63.8	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1

TOTAL NUMBER OF OBSERVATIONS: 290

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 76-87
MONTH: APR HOURS(IST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES																		
	1	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7	7 1/2	8	8 1/2	9	9 1/2	10
NO CEIL	24.1	32.1	33.1	33.9	34.3	34.3	34.5	34.6	34.6	34.7	34.8	34.8	35.0	35.2	35.2	35.3			
GE 20000	30.4	40.3	41.5	42.6	43.0	43.1	43.4	43.6	43.6	43.7	43.7	43.7	43.9	44.1	44.1	44.2			
GE 18000	30.4	40.3	41.5	42.6	43.0	43.1	43.4	43.6	43.6	43.7	43.7	43.7	43.9	44.1	44.1	44.2			
GE 16000	30.4	40.3	41.5	42.6	43.0	43.1	43.4	43.6	43.6	43.7	43.7	43.7	43.9	44.1	44.1	44.2			
GE 14000	30.4	40.3	41.5	42.6	43.0	43.1	43.4	43.6	43.6	43.7	43.7	43.7	43.9	44.1	44.1	44.2			
GE 12000	30.4	40.3	41.5	42.6	43.0	43.1	43.4	43.6	43.6	43.7	43.7	43.7	43.9	44.1	44.1	44.2			
GE 10000	40.3	58.0	60.0	61.8	62.4	62.6	63.0	63.3	63.5	63.6	63.8	63.8	64.1	64.3	64.3	64.4			
GE 9000	40.3	58.0	60.0	61.8	62.4	62.6	63.0	63.3	63.5	63.6	63.8	63.8	64.1	64.3	64.3	64.4			
GE 8000	40.3	58.0	60.0	61.8	62.4	62.6	63.0	63.3	63.5	63.6	63.8	63.8	64.1	64.3	64.3	64.4			
GE 7000	40.3	58.0	60.0	61.8	62.4	62.6	63.0	63.3	63.5	63.6	63.8	63.8	64.1	64.3	64.3	64.4			
GE 6000	40.3	58.0	60.0	61.8	62.4	62.6	63.0	63.3	63.5	63.6	63.8	63.8	64.1	64.3	64.3	64.4			
GE 5000	40.6	58.3	60.2	62.0	62.7	62.9	63.3	63.6	63.7	63.9	64.1	64.1	64.4	64.6	64.6	64.7			
GE 4500	40.6	58.6	60.6	62.4	63.0	63.3	63.7	64.0	64.1	64.3	64.5	64.5	64.8	65.0	65.0	65.1			
GE 4000	41.7	60.2	62.2	64.1	64.8	65.0	65.4	65.7	65.9	66.1	66.2	66.2	66.5	66.8	66.8	66.8			
GE 3500	42.7	61.6	63.6	65.4	66.2	66.4	66.8	67.1	67.3	67.5	67.6	67.6	67.9	68.2	68.2	68.2			
GE 3000	43.7	62.1	65.2	67.1	67.9	68.2	68.6	68.9	69.0	69.2	69.3	69.3	69.6	69.9	69.9	70.0			
GE 2500	45.8	66.9	69.3	71.4	72.3	72.6	73.1	73.4	73.5	73.7	73.9	73.9	74.2	74.4	74.4	74.5			
GE 2000	46.9	70.7	73.5	75.8	77.0	77.5	78.0	78.4	78.6	78.8	78.9	79.0	79.3	79.5	79.5	79.6			
GE 1800	47.7	72.6	75.6	78.4	79.8	80.2	80.8	81.3	81.5	81.6	81.9	81.9	82.2	82.5	82.5	82.6			
GE 1500	49.7	75.2	78.5	81.6	83.3	83.8	84.5	85.1	85.3	85.7	85.9	86.0	86.3	86.6	86.6	86.6			
GE 1200	49.5	78.0	82.0	86.2	89.3	89.0	89.9	90.7	91.1	91.5	91.8	91.9	92.3	92.6	92.6	92.7			
GE 1000	49.7	75.1	83.4	87.8	90.1	91.0	91.9	92.7	93.2	93.7	94.0	94.2	94.7	95.1	95.1	95.2			
GE 900	49.7	75.4	83.6	88.3	90.6	91.6	92.5	93.4	93.9	94.5	94.8	95.1	95.6	96.0	96.0	96.1			
GE 800	49.8	75.7	84.3	88.6	91.2	92.1	93.0	94.0	94.6	95.2	95.6	95.8	96.4	96.7	96.7	96.8			
GE 700	49.8	80.0	84.7	89.4	91.9	92.9	93.8	94.7	95.4	96.1	96.5	96.8	97.3	97.7	97.7	97.8			
GE 600	49.8	80.1	84.8	89.5	91.9	93.0	93.9	94.9	95.5	96.3	96.7	96.9	97.5	97.9	97.9	98.0			
GE 500	49.8	80.1	84.8	89.5	92.0	93.1	94.1	95.1	95.7	96.5	96.9	97.2	97.7	98.1	98.1	98.2			
GE 400	49.9	80.2	84.9	89.7	92.2	93.3	94.3	95.3	96.0	96.8	97.3	97.5	98.1	98.5	98.5	98.6			
GE 300	49.9	80.2	84.9	89.7	92.2	93.3	94.3	95.3	96.1	96.9	97.4	97.6	98.4	98.9	98.9	99.1			
GE 200	49.9	80.2	84.9	89.7	92.2	93.3	94.3	95.3	96.1	96.9	97.4	97.6	98.4	99.0	99.3	99.9			
GE 100	49.9	80.2	84.9	89.7	92.2	93.3	94.3	95.3	96.1	96.9	97.4	97.6	98.4	99.0	99.3	100.0			

TOTAL NUMBER OF OBSERVATIONS: 2233

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS (LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	1	10	6	5	4	3	2	1 1/2	1	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16
NO CEIL	25.1	38.0	39.3	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
GE 20000	29.2	42.7	44.7	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
GE 18000	29.2	42.7	44.7	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
GE 16000	29.2	42.7	44.7	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
GE 14000	29.2	42.7	44.7	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
GE 12000	29.2	42.7	44.7	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
GE 10000	42.4	65.1	67.8	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	69.2	69.2	69.2	69.2
GE 9000	42.4	65.1	67.8	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	69.2	69.2	69.2	69.2
GE 8000	42.4	65.1	67.8	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	69.2	69.2	69.2	69.2
GE 7000	42.4	65.1	67.8	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	69.2	69.2	69.2	69.2
GE 6000	42.4	65.1	67.8	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	69.2	69.2	69.2	69.2
GE 5000	42.4	65.1	67.8	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	69.2	69.2	69.2	69.2
GE 4500	43.1	66.1	68.8	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	70.2	70.2	70.2	70.2
GE 4000	43.4	67.5	70.2	70.8	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.5	71.5	71.5	71.5
GE 3500	43.7	67.6	70.5	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.9	71.9	71.9	71.9
GE 3000	45.4	70.8	73.6	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.9	74.9	74.9	74.9
GE 2500	47.8	72.9	76.0	77.6	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.3	78.3	78.3	78.3
GE 2000	48.8	76.3	80.0	81.4	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.4	82.4	82.4	82.4
GE 1800	49.8	78.3	82.0	83.4	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.7	84.7	84.7	84.7
GE 1500	51.2	81.4	85.4	87.5	88.8	88.8	88.8	89.2	89.2	89.2	89.2	89.2	89.5	89.5	89.5	89.5
GE 1000	52.2	87.5	91.5	94.2	95.9	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.6	96.6	96.6	96.6
GE 1700	52.2	87.5	91.5	94.2	95.9	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.6	96.6	96.6	96.6
GE 900	52.5	88.1	92.5	95.3	96.9	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.6	97.6	97.6	97.6
GE 800	52.5	88.1	92.5	95.3	96.9	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.6	97.6	97.6	97.6
GE 700	52.9	88.6	93.6	96.3	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.6	98.6	98.6	98.6
GE 600	52.9	88.6	93.6	96.3	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.6	98.6	98.6	98.6
GE 500	52.9	88.6	93.6	96.6	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	99.0	99.0	99.0	99.0
GE 400	52.9	89.2	93.9	96.9	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3
GE 300	52.9	89.2	93.9	96.9	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3
GE 200	52.9	89.2	93.9	96.9	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3
GE 100	52.9	89.2	93.9	96.9	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3
GE 0	52.9	89.2	93.9	96.9	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 295

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS (LST): 0300-0500

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 1	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	41.8	31.5	31.5	32.9	33.6	33.6	33.6	33.9	33.9	33.9	34.2	34.2	34.2	34.2	34.2	34.2	34.2
GE 20000	26.5	37.9	37.9	39.3	39.9	39.9	39.9	40.3	40.3	40.3	40.6	40.6	40.6	40.6	40.6	40.6	40.6
GE 18000	26.5	37.9	37.9	39.3	39.9	39.9	39.9	40.3	40.3	40.3	40.6	40.6	40.6	40.6	40.6	40.6	40.6
GE 16000	26.5	37.9	37.9	39.3	39.9	39.9	39.9	40.3	40.3	40.3	40.6	40.6	40.6	40.6	40.6	40.6	40.6
GE 14000	26.5	37.9	37.9	39.3	39.9	39.9	39.9	40.3	40.3	40.3	40.6	40.6	40.6	40.6	40.6	40.6	40.6
GE 12000	26.5	37.9	37.9	39.3	39.9	39.9	39.9	40.3	40.3	40.3	40.6	40.6	40.6	40.6	40.6	40.6	40.6
GE 10000	40.3	60.4	61.4	63.1	64.1	64.1	64.1	64.8	64.8	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 9000	40.3	60.4	61.4	63.1	64.1	64.1	64.1	64.8	64.8	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 8000	40.3	60.4	61.4	63.1	64.1	64.1	64.1	64.8	64.8	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 7000	40.3	60.4	61.4	63.1	64.1	64.1	64.1	64.8	64.8	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 6000	40.3	60.4	61.4	63.1	64.1	64.1	64.1	64.8	64.8	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 5000	41.7	61.4	62.4	64.1	65.1	65.1	65.1	65.8	65.8	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 4500	42.6	62.5	64.1	65.8	66.8	66.8	66.8	67.4	67.4	67.4	67.5	67.8	67.8	67.8	67.8	67.8	67.8
GE 4000	44.0	64.4	65.8	67.4	68.5	68.5	68.5	69.1	69.1	69.1	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 3500	45.0	65.1	67.1	68.8	69.8	69.8	69.8	70.5	70.5	70.5	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 3000	46.0	66.5	69.6	71.5	72.5	72.5	72.5	73.2	73.2	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 2500	48.3	72.8	74.2	75.8	76.8	76.8	76.8	77.5	77.5	77.5	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 2000	50.7	77.2	78.5	80.9	81.9	82.2	82.2	83.2	83.2	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 1800	50.7	75.2	81.2	83.2	84.2	84.6	84.6	85.6	85.6	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 1500	52.0	81.5	83.9	86.2	87.2	87.6	87.6	88.6	88.6	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1200	53.4	86.6	88.9	92.6	94.0	94.3	94.3	95.3	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1000	54.0	87.9	90.3	94.0	95.3	95.6	96.0	96.6	96.6	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 900	54.0	87.9	90.3	94.0	95.3	95.6	96.0	96.6	96.6	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 800	54.0	87.9	90.3	94.0	95.3	95.6	96.0	96.6	96.6	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 700	54.0	88.3	90.9	95.0	96.3	96.6	96.6	97.0	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 600	54.0	88.3	90.9	95.0	96.3	96.6	96.6	97.0	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 500	54.0	88.3	91.3	95.3	96.6	97.0	97.0	97.3	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 400	54.0	88.3	91.3	95.3	96.6	97.0	97.0	97.3	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 300	54.0	88.3	91.3	95.3	96.6	97.0	97.0	97.3	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 200	54.0	88.3	91.3	95.3	96.6	97.0	97.0	97.3	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 100	54.0	88.6	91.6	96.0	97.3	97.7	98.3	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 0	54.0	88.6	91.6	96.0	97.3	97.7	98.3	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 298

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS (LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	24.9	30.6	31.0	31.3	31.3	31.3	31.3	31.3	31.3	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
GE 20000	30.3	35.7	40.4	41.1	41.1	41.1	41.1	41.1	41.1	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 18000	30.3	35.7	40.4	41.1	41.1	41.1	41.1	41.1	41.1	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 16000	30.3	35.7	40.4	41.1	41.1	41.1	41.1	41.1	41.1	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 14000	30.3	35.7	40.4	41.1	41.1	41.1	41.1	41.1	41.1	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 12000	30.3	35.7	40.4	41.1	41.1	41.1	41.1	41.1	41.1	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 10000	46.8	64.3	65.7	66.7	67.3	67.7	67.7	67.7	68.0	68.4	68.4	68.4	68.7	68.7	68.7	68.7	68.7
GE 9000	46.8	64.3	65.7	66.7	67.3	67.7	67.7	67.7	68.0	68.4	68.4	68.4	68.7	68.7	68.7	68.7	68.7
GE 8000	46.8	64.3	65.7	66.7	67.3	67.7	67.7	67.7	68.0	68.4	68.4	68.4	68.7	68.7	68.7	68.7	68.7
GE 7000	46.8	64.3	65.7	66.7	67.3	67.7	67.7	67.7	68.0	68.4	68.4	68.4	68.7	68.7	68.7	68.7	68.7
GE 6000	46.8	64.3	65.7	66.7	67.3	67.7	67.7	67.7	68.0	68.4	68.4	68.4	68.7	68.7	68.7	68.7	68.7
GE 5000	47.1	64.6	66.0	67.0	67.7	68.0	68.0	68.0	68.4	68.7	68.7	68.7	69.0	69.0	69.0	69.0	69.0
GE 4500	48.1	65.7	67.0	68.0	68.7	69.0	69.0	69.0	69.4	69.7	69.7	69.7	70.0	70.0	70.0	70.0	70.0
GE 4000	48.1	65.7	67.0	68.0	68.7	69.0	69.0	69.0	69.4	69.7	69.7	69.7	70.0	70.0	70.0	70.0	70.0
GE 3500	48.5	66.3	67.7	68.7	69.4	69.7	69.7	70.0	70.4	70.4	70.4	70.4	70.7	70.7	70.7	70.7	70.7
GE 3000	48.8	68.4	69.7	70.7	71.4	71.7	71.7	72.1	72.4	72.4	72.4	72.4	72.7	72.7	72.7	72.7	72.7
GE 2500	53.9	74.7	76.1	77.8	78.5	78.8	78.8	79.1	79.5	79.5	79.5	79.5	79.8	79.8	79.8	79.8	79.8
GE 2000	55.2	78.5	79.8	81.5	82.2	82.5	82.5	82.8	83.2	83.2	83.2	83.2	83.5	83.5	83.5	83.5	83.5
GE 1800	56.9	81.5	82.8	84.8	85.5	85.9	85.9	86.2	86.5	86.5	86.5	86.5	86.9	86.9	86.9	86.9	86.9
GE 1500	58.6	84.8	86.2	88.6	89.2	89.6	89.6	90.2	90.6	90.6	90.6	90.6	90.9	90.9	90.9	90.9	90.9
GE 1200	67.3	88.9	90.6	92.4	93.6	93.9	93.9	94.6	94.9	94.9	94.9	94.9	95.3	95.3	95.3	95.3	95.3
GE 1000	60.3	85.9	91.4	94.6	95.3	95.6	95.6	96.3	96.6	96.6	96.6	96.6	97.3	97.3	97.3	97.3	97.3
GE 900	60.7	90.2	92.3	94.4	95.6	96.0	96.0	97.0	97.3	97.3	97.3	97.3	98.0	98.3	98.3	98.3	98.3
GE 800	67.3	90.2	92.3	95.3	96.0	96.3	96.3	97.3	97.6	97.6	97.6	97.6	98.3	98.7	98.7	98.7	98.7
GE 700	60.6	90.6	92.6	96.0	96.6	97.0	97.0	98.0	98.3	98.3	98.3	98.3	99.0	99.3	99.3	99.3	99.3
GE 600	67.6	90.6	92.6	96.0	97.0	97.3	97.3	98.3	98.7	98.7	98.7	98.7	99.3	99.7	99.7	99.7	99.7
GE 500	60.6	90.6	92.6	96.0	97.0	97.3	97.3	98.3	98.7	98.7	98.7	98.7	99.3	99.7	99.7	99.7	99.7
GE 400	67.6	90.6	92.6	96.0	97.0	97.3	97.3	98.3	98.7	98.7	98.7	98.7	99.3	99.7	99.7	99.7	99.7
GE 300	60.6	90.6	92.6	96.0	97.0	97.3	97.3	98.3	98.7	98.7	98.7	98.7	99.3	99.7	99.7	99.7	99.7
GE 200	67.6	90.6	92.6	96.0	97.0	97.3	97.3	98.3	98.7	98.7	98.7	98.7	99.3	99.7	99.7	99.7	99.7
GE 100	60.6	90.6	92.6	96.0	97.0	97.3	97.3	98.3	98.7	98.7	98.7	98.7	99.3	99.7	99.7	99.7	99.7
GE 0	60.6	90.6	92.6	96.0	97.0	97.3	97.3	98.3	98.7	98.7	98.7	98.7	99.3	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 297

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LEST): 0900-1100

CEILING		VISIBILITY IN STATUTE MILES																
IN FEET	GE 10	GE 4	GE 5	GE 4	GE 3	GF 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GF 0		
NO CEIL	44.5	27.6	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9		
GE 20000	30.6	17.8	39.1	38.8	38.8	38.8	38.8	38.8	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1		
GE 18000	27.6	17.8	39.1	38.8	38.8	38.8	38.8	38.8	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1		
GE 16000	30.6	17.8	39.1	38.8	38.8	38.8	38.8	38.8	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1		
GE 14000	27.6	17.8	39.1	38.8	38.8	38.8	38.8	38.8	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1		
GE 12000	30.6	17.8	39.1	38.8	38.8	38.8	38.8	38.8	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1		
GE 10000	44.9	58.2	59.5	59.5	59.9	59.9	59.9	59.9	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2		
GE 9000	44.9	58.2	59.5	59.5	59.9	59.9	59.9	59.9	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2		
GE 8000	44.9	58.2	59.5	59.5	59.9	59.9	59.9	59.9	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2		
GE 7000	44.9	58.2	59.5	59.5	59.9	59.9	59.9	59.9	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2		
GE 6000	44.9	58.2	59.5	59.5	59.9	59.9	59.9	59.9	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2		
GE 5000	44.9	58.2	59.5	59.5	59.9	59.9	59.9	59.9	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2		
GE 4000	45.6	58.8	59.5	60.2	60.5	60.5	60.5	60.5	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9		
GE 3000	45.6	58.8	59.5	60.2	60.5	60.5	60.5	60.5	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9		
GE 2000	46.3	60.5	61.2	61.9	62.2	62.2	62.2	62.2	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6		
GE 1000	48.3	63.9	64.6	65.3	65.6	65.6	65.6	65.6	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0		
GE 2500	53.7	71.1	72.1	73.1	73.8	73.8	73.8	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1		
GE 2000	57.1	76.5	77.6	78.6	79.6	79.6	79.6	79.6	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3		
GE 1800	58.5	79.6	80.6	81.6	82.7	82.7	82.7	82.7	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3		
GE 1500	61.6	85.0	86.4	87.4	88.4	88.4	88.4	88.4	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1		
GE 1200	63.3	90.1	91.8	94.2	95.2	95.2	95.2	95.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3		
GE 1000	63.9	91.5	93.2	95.6	96.6	96.6	96.6	96.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3		
GE 900	63.9	91.5	93.2	95.6	96.6	96.6	96.6	96.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3		
GE 800	63.9	91.5	93.2	95.6	96.6	96.6	96.6	96.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3		
GE 700	63.9	91.5	93.2	95.6	96.6	96.6	96.6	96.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3		
GE 600	63.9	91.5	93.2	95.6	96.6	96.6	96.6	96.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3		
GE 500	63.9	91.5	93.2	95.6	96.6	96.6	96.6	96.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3		
GE 400	63.9	91.5	93.2	95.6	96.6	96.6	96.6	96.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3		
GE 300	63.9	91.5	93.2	95.6	96.6	96.6	96.6	96.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3		
GE 200	63.9	91.5	93.2	95.6	96.6	96.6	96.6	96.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3		
GE 100	63.9	91.5	93.2	95.6	96.6	96.6	96.6	96.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3		
GE 0	63.9	91.5	93.2	95.6	96.6	96.6	96.6	96.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3		

TOTAL NUMBER OF OBSERVATIONS: 294

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11	GE 12	GE 13	GE 14	GE 15	GE 16	GE 17
NO CLIL	27.6	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
GE 20000	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
GE 18000	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
GE 16000	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
GE 14000	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
GE 12000	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
GE 10000	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 9000	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 8000	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 7000	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 6000	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 5000	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 4000	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 3000	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 2000	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 1500	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 1000	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 800	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 600	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 400	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 300	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 200	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 100	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 50	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 30	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 20	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 10	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 5	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2

TOTAL NUMBER OF OBSERVATIONS: 290

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS (LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	27.1	30.1	37.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
GE 20000	36.3	41.5	41.5	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
GE 18000	36.3	41.5	41.5	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
GE 16000	36.3	41.5	41.5	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
GE 14000	36.3	41.5	41.5	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
GE 12000	36.3	41.5	41.5	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
GE 10000	51.9	61.9	62.3	62.6	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 9000	51.9	61.9	62.3	62.6	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 8000	51.9	61.9	62.3	62.6	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 7000	51.9	61.9	62.3	62.6	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 6000	51.9	61.9	62.3	62.6	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 5000	62.2	62.3	62.6	63.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 4000	52.2	62.6	63.0	63.3	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 3000	55.7	66.4	66.6	67.1	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 2000	57.8	68.9	69.2	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 1000	60.9	72.3	72.7	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 2500	69.2	80.6	81.0	82.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 2000	70.9	85.5	85.8	86.9	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 1800	71.6	86.9	87.2	88.2	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1600	72.0	88.3	88.6	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1400	75.4	94.1	94.2	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1200	75.4	94.1	94.2	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1000	75.4	94.1	94.2	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 900	75.4	94.1	94.2	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 800	75.4	94.1	94.2	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 700	75.4	94.1	94.2	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 600	75.4	94.1	94.2	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 500	75.4	94.1	94.2	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 400	75.4	94.1	94.2	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 300	75.4	94.1	94.2	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 200	75.4	94.1	94.2	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 100	75.4	94.1	94.2	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 0	75.4	94.1	94.2	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6

TOTAL NUMBER OF OBSERVATIONS: 269

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 22500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(IST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	37.1	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 20000	37.1	45.8	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 18000	37.1	45.8	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 16000	37.1	45.8	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 14000	37.1	45.8	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 12000	37.1	45.8	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 10000	53.8	66.1	66.4	66.8	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 9000	53.8	66.1	66.4	66.8	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 8000	53.8	66.1	66.4	66.8	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 7000	53.8	66.1	66.4	66.8	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 6000	53.8	66.1	66.4	66.8	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 5000	54.5	67.1	67.5	67.5	67.5	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 4500	54.5	67.1	67.5	67.8	67.8	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 4000	55.9	68.5	68.9	69.2	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 3500	57.7	71.0	71.3	71.7	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 3000	60.1	74.1	74.5	74.8	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 2500	64.7	80.6	81.1	81.5	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 2000	65.7	82.9	83.6	84.3	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 1800	66.8	85.7	86.4	87.1	87.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1500	69.9	88.5	89.2	90.2	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1200	77.6	93.4	94.1	95.1	95.5	95.8	95.8	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1000	71.0	94.1	94.4	96.2	96.9	97.2	97.2	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 900	71.3	94.4	95.1	96.5	97.2	97.6	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 800	71.3	94.4	95.1	96.5	97.2	97.6	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 700	71.3	94.4	95.1	96.5	97.2	97.6	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 600	71.7	94.8	95.5	96.9	97.6	97.9	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 500	71.3	95.1	95.8	97.2	97.9	98.3	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 400	71.3	95.5	96.2	97.6	98.3	98.6	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	71.3	95.5	96.2	97.6	98.3	98.6	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	71.3	95.5	96.2	97.6	98.3	98.6	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	71.7	95.8	96.5	97.9	98.6	99.0	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	71.7	95.8	96.5	97.9	98.6	99.0	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 286

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 1 1/2	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11	GE 12	GE 13	GE 14	GE 15
NO CEIL	29.6	26.5	37.2	37.8	37.8	37.8	37.8	37.9	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
GE 20000	34.9	43.4	44.4	45.1	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 18000	34.9	43.4	44.4	45.1	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 16000	34.9	43.4	44.4	45.1	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 14000	34.9	43.4	44.4	45.1	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 12000	34.9	43.4	44.4	45.1	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 10000	49.3	65.1	66.8	67.4	67.8	67.8	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.4	68.4
GE 9000	49.3	65.1	66.8	67.4	67.8	67.8	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.4	68.4
GE 8000	49.3	65.1	66.8	67.4	67.8	67.8	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.4	68.4
GE 7000	49.3	65.1	66.8	67.4	67.8	67.8	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.4	68.4
GE 6000	49.3	65.1	66.8	67.4	67.8	67.8	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.4	68.4
GE 5000	49.7	65.5	67.1	67.8	68.1	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.8	68.8
GE 4500	50.7	66.4	68.1	68.8	69.1	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.7	69.7
GE 4000	51.6	68.4	70.1	70.7	71.1	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.7	71.7
GE 3500	57.0	70.1	71.7	72.4	72.7	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.4	73.4
GE 3000	54.6	71.7	73.4	74.0	74.3	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	75.0	75.0
GE 2500	57.2	77.0	79.6	79.3	79.6	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.3	80.3
GE 2000	54.9	70.3	82.2	82.9	83.2	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.9	83.9
GE 1800	60.7	82.6	84.5	85.9	86.2	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.8	86.8
GE 1500	61.2	86.2	88.5	90.1	90.5	90.5	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.4	91.4
GE 1200	62.5	91.1	93.4	96.1	96.4	96.4	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.4	97.4
GE 1000	63.2	91.8	94.1	96.7	97.0	97.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	98.0	98.0
GE 900	63.5	92.1	94.4	97.0	97.4	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.4	98.4
GE 800	63.5	92.1	94.4	97.0	97.4	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.4	98.4
GE 700	63.5	92.1	94.4	97.0	97.4	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.7	98.7
GE 600	63.5	92.1	94.4	97.4	97.7	97.7	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.0	99.0
GE 500	63.5	92.1	94.4	97.4	97.7	97.7	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.0	99.0
GE 400	63.5	92.1	94.4	97.4	97.7	97.7	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.0	99.0
GE 300	63.5	92.1	94.4	97.4	97.7	97.7	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.0	99.0
GE 200	63.5	92.1	94.4	97.4	97.7	97.7	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.0	99.0
GE 100	63.5	92.1	94.4	97.4	97.7	97.7	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.0	99.0
GE 0	63.5	92.1	94.4	97.4	97.7	97.7	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS: 704

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(IST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE	GE	GE	GE	GE	GF	GF	GF	GF	GF	GE	GE	GE	GE	GE	GE	GE	GE
	1	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7	7 1/2	8	8 1/2	9	10
NO CEIL	26.3	32.6	32.9	33.3	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
GE 20000	32.5	41.0	41.5	42.0	42.2	42.2	42.2	42.2	42.2	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 18000	32.5	41.0	41.5	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 16000	32.5	41.0	41.5	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 14000	32.5	41.0	41.5	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 12000	32.5	41.0	41.5	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 10000	47.1	62.3	63.3	64.0	64.5	64.6	64.6	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 9000	47.1	62.3	63.3	64.0	64.5	64.6	64.6	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 8000	47.1	62.3	63.3	64.0	64.5	64.6	64.6	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 7000	47.1	62.3	63.3	64.0	64.5	64.6	64.6	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 6000	47.1	62.3	63.3	64.0	64.5	64.6	64.6	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 5000	47.5	62.7	63.7	64.4	64.9	64.9	64.9	65.0	65.2	65.2	65.2	65.2	65.2	65.3	65.4	65.4	65.4	65.4
GE 4500	48.1	63.5	64.5	65.2	65.7	65.7	65.7	65.8	66.0	66.0	66.0	66.0	66.0	66.1	66.2	66.2	66.2	66.2
GE 4000	48.4	65.2	66.3	67.0	67.4	67.5	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.8	67.9	67.9	67.9	67.9
GE 3500	57.4	66.6	67.6	68.3	68.8	68.8	68.8	68.9	69.1	69.1	69.1	69.1	69.1	69.2	69.3	69.3	69.3	69.3
GE 3000	50.3	69.3	70.3	71.1	71.5	71.6	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.9	72.0	72.0	72.0	72.0
GE 2500	56.9	75.7	76.8	77.6	78.2	78.3	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6
GE 2000	57.2	76.8	77.8	78.3	78.9	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2
GE 1800	60.2	82.1	83.5	84.7	85.4	85.5	85.5	85.6	85.8	85.8	85.8	85.8	85.8	85.9	86.0	86.0	86.0	86.0
GE 1600	61.9	85.3	86.9	88.4	89.2	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5
GE 1400	63.9	90.5	92.3	94.5	95.3	95.5	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.9	96.0	96.0	96.0	96.0
GE 1000	64.2	91.3	93.2	95.5	96.4	96.7	96.7	96.7	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3
GE 900	64.3	91.6	93.5	95.8	96.7	97.0	97.0	97.0	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6
GE 800	64.3	91.6	93.5	95.9	96.9	97.2	97.2	97.2	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8
GE 700	64.4	91.8	93.8	96.3	97.3	97.6	97.6	97.6	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3
GE 600	64.4	91.8	93.8	96.3	97.4	97.7	97.7	97.7	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4
GE 500	64.4	91.9	93.9	96.5	97.5	97.8	97.8	97.8	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5
GE 400	64.4	92.0	94.1	96.7	97.7	98.0	98.0	98.0	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7
GE 300	64.4	92.0	94.1	96.7	97.7	98.0	98.0	98.0	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7
GE 200	64.4	92.0	94.1	96.7	97.7	98.0	98.0	98.0	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7
GE 100	64.5	92.1	94.2	96.8	97.8	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8
GE	64.5	92.1	94.2	96.8	97.8	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS: 2353

GLOBAL CLIMATOLOGY BRANCH
LSAFETYAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87

MONTH: JUN HOURS (LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
NO CEIL	24.9	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
GE 20000	34.5	42.2	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
GE 18000	34.5	42.2	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
GE 16000	34.5	42.2	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
GE 14000	34.5	42.2	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
GE 12000	34.5	42.2	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
GE 10000	44.8	64.1	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	65.2	65.2	65.5
GE 9000	44.8	64.1	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	65.2	65.2	65.5
GE 8000	44.8	64.1	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	65.2	65.2	65.5
GE 7000	44.8	64.1	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	65.2	65.2	65.5
GE 6000	44.8	64.1	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	65.2	65.2	65.5
GE 5000	49.1	64.8	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.9	65.9	66.2
GE 4000	49.1	65.4	66.2	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.9	66.9	67.2
GE 3000	51.2	67.6	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	69.0	69.0	69.3
GE 2000	51.6	69.3	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.4	70.4	70.7
GE 1000	52.3	70.4	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.8	71.8	72.1
GE 2500	53.7	74.1	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	76.0	76.0	76.3
GE 2000	56.4	77.7	79.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	80.1	80.1	80.5
GE 1800	59.9	80.8	82.6	82.9	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.6	83.6	84.0
GE 1600	61.0	84.7	86.4	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.4	87.4	87.8
GE 1400	62.4	86.3	88.4	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.4	89.4	89.8
GE 1200	63.8	88.7	90.4	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.4	91.4	91.8
GE 1000	65.2	91.1	92.8	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.8	93.8	94.2
GE 900	66.6	92.5	94.2	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.2	95.2	95.6
GE 800	68.0	93.9	95.6	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.6	96.6	97.0
GE 700	69.4	95.3	97.0	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	98.0	98.0	98.4
GE 600	70.8	96.7	98.4	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.4	99.4	99.8
GE 500	72.2	98.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	73.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	76.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	77.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	79.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 267

PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): 0300-0500

[illegible]

TOTAL NUMBER OF OBSERVATIONS: 268

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GL 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	31.6	37.5	37.5	38.1	38.5	38.5	38.5	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 20000	34.7	41.6	41.6	42.3	42.6	43.0	43.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 18000	34.7	41.6	41.6	42.3	42.6	43.0	43.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 16000	34.7	41.6	41.6	42.3	42.6	43.0	43.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 14000	34.7	41.6	41.6	42.3	42.6	43.0	43.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 12000	34.7	41.6	41.6	42.3	42.6	43.0	43.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 10000	50.2	66.3	66.3	68.0	68.4	68.7	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.6	69.8	69.8
GE 9000	50.2	66.3	66.3	68.0	68.4	68.7	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.8	69.8	69.8
GE 8000	50.2	66.3	66.3	68.0	68.4	68.7	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.8	69.8	69.8
GE 7000	50.2	66.3	66.3	68.0	68.4	68.7	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.8	69.8	69.8
GE 6000	50.2	66.3	66.3	68.0	68.4	68.7	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.8	69.8	69.8
GE 5000	50.2	66.3	66.3	68.0	68.4	68.7	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.8	69.8	69.8
GE 4500	50.2	66.7	66.7	68.4	68.7	69.1	69.4	69.8	69.8	69.8	69.8	69.8	69.8	70.1	70.1	70.1
GE 4000	51.2	67.7	67.7	69.4	69.8	70.1	70.4	70.8	70.8	70.8	70.8	70.8	70.8	71.1	71.1	71.1
GE 3500	52.2	68.7	69.1	70.8	71.1	71.5	71.8	72.2	72.2	72.2	72.2	72.2	72.2	72.5	72.5	72.5
GE 3000	53.3	69.8	70.1	71.8	72.2	72.5	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.5	73.5	73.5
GE 2500	56.4	74.6	75.3	77.3	77.7	78.0	78.4	78.7	78.7	78.7	78.7	78.7	78.7	79.0	79.0	79.0
GE 2000	58.1	77.0	78.7	80.8	81.1	81.4	81.8	82.1	82.1	82.1	82.1	82.1	82.1	82.5	82.5	82.5
GE 1800	60.1	80.1	81.8	83.8	84.5	84.9	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.9	85.9	85.9
GE 1500	62.9	83.8	85.6	88.0	89.7	89.0	89.3	89.7	89.7	89.7	89.7	89.7	89.7	90.0	90.0	90.0
GE 1200	64.6	88.0	90.4	92.8	93.8	94.2	94.5	94.8	94.8	94.8	94.8	94.8	94.8	95.2	95.2	95.2
GE 1000	65.3	89.7	92.1	94.8	96.2	96.6	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.6	97.6	97.6
GE 900	65.6	90.0	92.4	95.2	96.6	96.9	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.9	97.9	97.9
GE 800	65.6	90.4	92.8	95.9	97.6	97.9	98.3	98.6	98.6	98.6	98.6	98.6	98.6	99.0	99.0	99.0
GE 700	65.6	90.7	93.1	96.2	97.9	98.3	98.6	98.9	98.9	98.9	98.9	98.9	98.9	99.3	99.3	99.3
GE 600	65.6	90.7	93.1	96.2	97.9	98.3	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3
GE 500	65.6	90.7	93.1	96.2	97.9	98.3	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3
GE 400	65.6	90.7	93.1	96.2	97.9	98.3	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3
GE 300	65.6	90.7	93.1	96.2	97.9	98.3	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3
GE 200	65.6	90.7	93.1	96.2	97.9	98.3	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3
GE 100	65.6	90.7	93.1	96.2	97.9	98.3	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3
GE 0	65.6	90.7	93.1	96.2	97.9	98.3	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS: 291

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87

MONTH: JUN HOURS(IST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	28.3	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
GE 20000	32.4	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE 18000	32.4	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE 16000	32.4	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE 14000	32.4	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE 12000	32.4	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE 10000	46.2	62.8	63.1	63.1	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 9000	46.2	62.8	63.1	63.1	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 8000	46.2	62.8	63.1	63.1	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 7000	46.2	62.8	63.1	63.1	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 6000	46.2	62.8	63.1	63.1	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 5000	46.2	62.8	63.1	63.1	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 4500	46.6	63.1	63.4	63.4	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 4000	48.6	65.2	65.5	65.5	65.5	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 3500	50.3	67.2	67.6	67.6	67.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 3000	51.7	70.0	70.3	70.3	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 2500	57.9	77.9	78.3	78.3	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 2000	61.7	81.1	83.4	83.4	83.4	83.8	83.8	83.8	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 1800	62.4	84.5	84.8	85.5	85.5	85.9	85.9	85.9	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 1500	65.2	87.9	88.3	89.3	89.3	89.7	89.7	89.7	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1200	66.2	92.8	93.4	95.5	95.5	95.9	95.9	96.6	96.6	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1000	66.6	92.8	94.5	96.6	97.2	97.6	97.6	98.3	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	66.6	92.8	94.5	96.6	97.6	97.9	97.9	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 800	66.6	92.8	94.5	96.6	97.6	97.9	97.9	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	66.6	94.1	94.8	96.9	97.9	98.3	98.3	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	66.6	94.5	95.2	97.2	98.3	98.6	98.6	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	66.6	94.5	95.2	97.2	98.3	98.6	98.6	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	66.6	94.5	95.2	97.2	98.3	98.6	98.6	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	66.6	94.5	95.2	97.2	98.3	98.6	98.6	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	66.6	94.5	95.2	97.2	98.3	98.6	98.6	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	66.6	94.5	95.2	97.2	98.3	98.6	98.6	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	66.6	94.5	95.2	97.2	98.3	98.6	98.6	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 290

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	24.0	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
GE 20000	37.7	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
GE 18000	37.7	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
GE 16000	37.7	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
GE 14000	37.7	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
GE 12000	37.7	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
GE 10000	44.9	57.1	57.1	57.1	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 9000	44.9	57.1	57.1	57.1	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 8000	44.9	57.1	57.1	57.1	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 7000	44.9	57.1	57.1	57.1	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 6000	44.9	57.1	57.1	57.1	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 5000	44.9	57.5	57.5	57.5	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 4500	45.3	58.2	58.2	58.2	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 4000	47.7	61.0	61.0	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 3500	48.4	61.7	61.7	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 3000	50.5	64.8	64.8	64.8	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 2500	62.4	80.1	80.1	80.1	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 2000	65.9	85.7	85.7	85.7	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 1800	66.9	87.8	87.8	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 1500	68.6	90.6	90.6	90.6	91.3	91.6	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1200	72.5	95.5	96.2	96.2	96.9	97.2	97.2	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1000	72.8	96.2	96.9	96.9	97.6	97.9	97.9	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 900	77.2	97.2	97.9	97.9	98.6	99.0	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	73.2	97.2	97.9	97.9	98.6	99.0	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	73.2	97.2	97.9	97.9	98.6	99.0	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	73.2	97.2	97.9	97.9	98.6	99.0	99.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	73.2	97.2	97.9	97.9	98.6	99.0	99.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	73.2	97.2	97.9	97.9	98.6	99.0	99.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	73.2	97.2	97.9	97.9	98.6	99.0	99.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	73.2	97.2	97.9	97.9	98.6	99.0	99.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	73.2	97.2	97.9	97.9	98.6	99.0	99.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	73.2	97.2	97.9	97.9	98.6	99.0	99.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 287

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	25.9	30.0	30.0	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
GE 20000	31.7	37.2	37.2	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE 18000	31.7	37.2	37.2	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE 16000	31.7	37.2	37.2	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE 14000	31.7	37.2	37.2	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE 12000	31.7	37.2	37.2	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE 10000	47.2	59.0	59.3	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 9000	47.2	59.0	59.3	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 8000	47.2	59.0	59.3	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 7000	47.2	59.0	59.3	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 6000	47.2	59.0	59.3	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 5000	47.2	59.0	59.3	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 4500	47.2	59.3	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 4000	50.3	62.8	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 3500	50.7	63.1	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 3000	51.7	64.8	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 2500	62.1	76.9	77.2	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 2000	64.5	80.3	81.0	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 1800	66.6	84.1	84.8	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 1600	68.3	87.2	87.9	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1200	73.8	94.5	95.5	96.6	96.9	97.2	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1000	74.1	95.5	96.6	97.6	98.3	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	74.5	95.9	96.9	97.9	98.6	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 800	74.5	95.9	96.9	97.9	98.6	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	74.8	96.2	97.2	98.3	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	74.8	96.2	97.6	98.6	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	74.8	96.2	97.6	98.6	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	74.8	96.2	97.6	98.6	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	74.8	96.2	97.6	98.6	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	74.8	96.2	97.6	98.6	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	74.8	96.2	97.6	98.6	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	74.8	96.2	97.6	98.6	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 290

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARK HANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(IST): 1900-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	27.2	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
GE 20000	32.8	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 18000	32.8	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 16000	32.8	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 14000	32.8	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 12000	32.8	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 10000	49.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 9000	49.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 8000	49.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 7000	49.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 6000	49.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 5000	49.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 4500	50.0	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 4000	51.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 3500	53.1	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 3000	53.8	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 2500	62.1	81.7	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 2000	65.9	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 1800	66.6	88.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1500	67.9	92.1	92.4	92.6	92.8	93.4	93.4	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1200	70.0	95.2	95.5	96.9	96.9	97.9	97.9	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1000	71.7	96.2	96.6	97.9	97.9	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 900	70.7	96.2	96.6	97.9	97.9	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 800	70.7	96.2	96.6	97.9	97.9	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	70.7	96.6	96.9	98.3	98.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	70.7	96.6	96.9	98.3	98.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	70.7	96.6	96.9	98.3	98.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	70.7	96.6	96.9	98.3	98.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	70.7	96.6	96.9	98.3	98.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	70.7	96.6	96.9	98.3	98.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	70.7	96.6	96.9	98.3	98.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 0	70.7	96.6	96.9	98.3	98.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 290

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 1 1/2	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11	GE 12	GE 13	GE 14	GE 15
NO CEIL	29.4	35.5	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
GE 20000	33.8	41.6	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
GE 18000	33.8	41.6	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
GE 16000	33.8	41.6	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
GE 14000	33.8	41.6	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
GE 12000	33.8	41.6	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
GE 10000	51.2	66.9	67.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 9000	51.2	66.9	67.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 8000	51.2	66.9	67.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 7000	51.2	66.9	67.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 6000	51.2	66.9	67.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 5000	51.2	66.9	67.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 4500	51.2	67.6	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 4000	52.9	70.0	70.6	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 3500	53.9	71.7	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 3000	55.3	73.4	74.4	74.7	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 2500	59.0	78.5	79.5	79.9	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 2000	62.5	82.3	83.3	83.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 1800	63.8	84.3	85.3	85.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 1500	66.6	89.4	90.8	91.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1200	67.9	92.8	94.5	95.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1000	67.9	93.9	95.6	96.2	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	68.3	94.5	96.2	97.3	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 800	68.3	94.5	96.2	97.3	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	68.3	94.5	96.6	97.6	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	68.3	94.5	96.6	97.6	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	68.3	94.9	96.6	97.6	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	68.3	94.9	96.6	97.6	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	68.3	94.9	96.6	97.6	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	68.3	94.9	96.6	97.6	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	68.3	94.9	96.6	97.6	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 0	68.3	94.9	96.6	97.6	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 293

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS (LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	29.3	34.1	34.2	34.3	34.4	34.4	34.4	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
GE 20000	33.2	40.2	40.3	40.4	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.7
GE 18000	33.2	40.2	40.3	40.4	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.7
GE 16000	33.2	40.2	40.3	40.4	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.7
GE 14000	33.2	40.2	40.3	40.4	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.7
GE 12000	33.2	40.2	40.3	40.4	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.7
GE 10000	48.7	61.7	63.9	64.4	64.6	64.7	64.7	64.8	64.8	64.8	64.8	64.9	64.9	64.9	64.9	65.1
GE 9000	48.7	61.7	63.9	64.4	64.6	64.7	64.7	64.8	64.8	64.8	64.8	64.9	64.9	64.9	64.9	65.1
GE 8000	48.7	61.7	63.9	64.4	64.6	64.7	64.7	64.8	64.8	64.8	64.8	64.9	64.9	64.9	64.9	65.1
GE 7000	48.7	61.7	63.9	64.4	64.6	64.7	64.7	64.8	64.8	64.8	64.8	64.9	64.9	64.9	64.9	65.1
GE 6000	48.7	61.7	63.9	64.4	64.6	64.7	64.7	64.8	64.8	64.8	64.8	64.9	64.9	64.9	64.9	65.1
GE 5000	48.7	63.9	64.1	64.6	64.7	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.1	65.1	65.1	65.2
GE 4000	49.0	64.4	64.7	65.1	65.3	65.4	65.5	65.5	65.5	65.5	65.5	65.6	65.6	65.7	65.7	65.8
GE 3000	50.8	66.6	66.9	67.4	67.5	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.9	67.9	67.9	68.0
GE 2000	51.7	67.9	68.3	68.7	68.9	69.0	69.1	69.1	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.4
GE 1000	52.8	69.7	70.2	70.6	70.8	71.0	71.0	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.4
GE 2500	58.8	77.7	78.3	78.8	79.1	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.7
GE 2000	61.7	81.9	82.7	83.2	83.5	83.7	83.8	83.8	83.9	83.9	83.9	83.9	84.0	84.0	84.1	84.2
GE 1800	63.1	84.3	85.1	85.8	86.2	86.4	86.5	86.5	86.6	86.6	86.7	86.7	86.7	86.8	86.8	86.9
GE 1600	65.2	87.7	88.6	89.4	89.9	90.2	90.3	90.4	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.8
GE 1400	67.7	92.4	93.6	95.0	95.6	96.1	96.2	96.5	96.7	96.7	96.7	96.8	96.8	96.8	96.8	97.0
GE 1200	68.1	93.4	94.7	96.2	97.0	97.6	97.8	98.0	98.2	98.2	98.2	98.3	98.3	98.4	98.4	98.5
GE 1000	68.3	93.7	95.0	96.5	97.4	98.0	98.1	98.4	98.6	98.7	98.7	98.7	98.7	98.8	98.8	98.9
GE 800	68.3	93.7	95.0	96.6	97.5	98.1	98.3	98.5	98.8	98.8	98.8	98.8	98.9	99.0	99.0	99.1
GE 700	68.4	94.0	95.3	96.9	97.8	98.4	98.6	98.9	99.1	99.2	99.2	99.3	99.3	99.4	99.4	99.5
GE 600	68.4	94.1	95.5	97.0	97.9	98.6	98.7	99.0	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.7
GE 500	68.4	94.1	95.5	97.1	98.0	98.6	98.8	99.1	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.7
GE 400	68.4	94.1	95.5	97.1	98.0	98.6	98.8	99.1	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.7
GE 300	68.4	94.1	95.5	97.1	98.0	98.6	98.8	99.1	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.7
GE 200	68.4	94.1	95.5	97.1	98.0	98.6	98.8	99.1	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.7
GE 100	68.4	94.1	95.5	97.1	98.0	98.6	98.8	99.1	99.4	99.4	99.4	99.5	99.5	99.6	99.6	100.0
GE 0	68.4	94.1	95.5	97.1	98.0	98.6	98.8	99.1	99.4	99.4	99.4	99.5	99.5	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 2316

GLOJAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 22550C STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	1	GE 10	GE 0	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	1	25.0	77.3	37.3	38.0	38.0	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
GE 20000	1	37.3	45.0	45.7	46.7	46.7	47.3	47.3	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 18000	1	33.3	45.0	45.7	46.7	46.7	47.3	47.3	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 16000	1	32.3	45.0	45.7	46.7	46.7	47.3	47.3	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 14000	1	30.3	45.0	45.7	46.7	46.7	47.3	47.3	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 12000	1	32.3	45.0	45.7	46.7	46.7	47.3	47.3	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 10000	1	42.0	65.0	65.7	67.3	67.3	68.7	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 9000	1	42.0	65.0	65.7	67.3	67.3	68.7	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 8000	1	42.0	65.0	65.7	67.3	67.3	68.7	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 7000	1	42.0	65.0	65.7	67.3	67.3	68.7	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 6000	1	42.0	65.0	65.7	67.3	67.3	68.7	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 5000	1	43.0	66.3	67.0	68.7	68.7	70.0	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 4500	1	43.0	66.7	67.3	69.0	69.0	70.3	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 4000	1	44.7	68.0	68.7	70.3	70.3	71.7	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 3500	1	45.7	69.0	69.7	71.3	71.3	72.7	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 3000	1	46.7	70.7	71.3	73.0	73.0	74.3	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 2500	1	47.7	72.0	72.7	74.3	74.3	75.7	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 2000	1	50.0	75.7	76.7	78.3	78.7	80.0	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 1800	1	51.7	77.3	78.3	80.7	81.0	82.3	82.3	82.7	82.7	82.7	82.7	82.7	83.0	83.0	83.0	83.0	83.0
GE 1500	1	53.7	81.3	82.3	85.0	85.3	86.7	86.7	87.0	87.0	87.0	87.0	87.0	87.3	87.3	87.3	87.3	87.3
GE 1200	1	56.0	85.7	87.3	90.0	90.7	92.0	92.0	92.3	92.3	92.3	92.3	92.7	93.0	93.0	93.0	93.0	93.0
GE 1000	1	56.7	88.3	90.0	93.3	94.3	95.7	95.7	96.3	96.3	96.3	96.3	96.7	97.0	97.0	97.0	97.0	97.0
GE 900	1	57.0	89.0	90.7	94.0	95.0	96.3	96.3	97.0	97.0	97.0	97.0	97.3	97.7	97.7	97.7	97.7	97.7
GE 800	1	57.0	89.7	91.7	95.3	96.3	97.7	97.7	98.3	98.3	98.3	98.3	98.7	99.0	99.0	99.0	99.0	99.0
GE 700	1	57.0	89.7	91.7	95.3	96.3	97.7	97.7	98.3	98.3	98.3	98.3	98.7	99.0	99.0	99.0	99.0	99.0
GE 600	1	57.0	89.7	91.7	95.7	96.7	98.0	98.0	98.7	98.7	98.7	98.7	99.0	99.3	99.3	99.3	99.3	99.3
GE 500	1	57.0	89.7	92.0	96.0	97.0	98.3	98.3	99.0	99.0	99.0	99.0	99.3	99.7	99.7	99.7	99.7	99.7
GE 400	1	57.0	89.7	92.0	96.0	97.0	98.3	98.3	99.0	99.0	99.0	99.0	99.3	99.7	99.7	99.7	99.7	99.7
GE 300	1	57.0	89.7	92.0	96.0	97.0	98.3	98.3	99.0	99.0	99.0	99.0	99.3	99.7	99.7	99.7	99.7	99.7
GE 200	1	57.0	89.7	92.0	96.0	97.0	98.3	98.3	99.0	99.0	99.0	99.0	99.3	99.7	99.7	100.0	100.0	100.0
GE 100	1	57.0	89.7	92.0	96.0	97.0	98.3	98.3	99.0	99.0	99.0	99.0	99.3	99.7	99.7	100.0	100.0	100.0
GE	0	57.0	89.7	92.0	96.0	97.0	98.3	98.3	99.0	99.0	99.0	99.0	99.3	99.7	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 300

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS (LST): 0300-0500

CEILING		VISIBILITY IN STATUTE MILES															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	10	6	5	4	3	2	1 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	25.2	36.1	36.8	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.4	37.4	37.7	36.1
GE 20000	30.1	45.7	46.7	47.0	47.0	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.7	47.7	48.0	48.3
GE 18000	30.1	45.7	46.7	47.0	47.0	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.7	47.7	48.0	48.3
GE 16000	30.1	45.7	46.7	47.0	47.0	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.7	47.7	48.0	48.3
GE 14000	30.1	45.7	46.7	47.0	47.0	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.7	47.7	48.0	48.3
GE 12000	30.1	45.7	46.7	47.0	47.0	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.7	47.7	48.0	48.3
GE 10000	44.4	67.5	68.9	69.5	69.5	70.5	70.5	70.5	70.9	70.9	70.9	70.9	70.9	71.2	71.5	71.9	72.2
GE 9000	44.4	67.5	68.9	69.5	69.5	70.5	70.5	70.5	70.9	70.9	70.9	70.9	70.9	71.2	71.5	71.9	72.2
GE 8000	44.4	67.5	68.9	69.5	69.5	70.5	70.5	70.5	70.9	70.9	70.9	70.9	70.9	71.2	71.5	71.9	72.2
GE 7000	44.4	67.5	68.9	69.5	69.5	70.5	70.5	70.5	70.9	70.9	70.9	70.9	70.9	71.2	71.5	71.9	72.2
GE 6000	44.4	67.5	68.9	69.5	69.5	70.5	70.5	70.5	70.9	70.9	70.9	70.9	70.9	71.2	71.5	71.9	72.2
GE 5000	44.7	67.9	69.2	69.9	69.9	70.9	70.9	70.9	71.2	71.2	71.2	71.2	71.2	71.5	71.9	72.2	72.5
GE 4500	45.0	68.5	69.9	70.5	70.5	71.5	71.5	71.5	71.9	71.9	71.9	71.9	71.9	72.2	72.5	72.8	73.2
GE 4000	45.4	68.8	70.5	71.2	71.2	72.2	72.2	72.2	72.5	72.5	72.5	72.5	72.5	72.8	73.2	73.5	73.8
GE 3500	46.4	70.2	71.5	72.2	72.2	73.2	73.2	73.2	73.5	73.5	73.5	73.5	73.5	73.8	74.2	74.5	74.8
GE 3000	47.0	71.2	72.5	73.2	73.2	74.2	74.2	74.2	74.5	74.5	74.5	74.5	74.5	74.8	75.2	75.5	75.8
GE 2500	49.3	73.8	75.5	76.2	76.5	77.5	77.5	77.5	77.8	77.8	77.8	77.8	77.8	78.1	78.5	78.8	79.1
GE 2000	53.0	76.6	78.5	79.1	79.5	80.8	80.8	80.8	81.1	81.1	81.1	81.1	81.1	81.5	81.8	82.1	82.5
GE 1800	51.7	76.5	80.5	81.1	81.5	82.8	82.8	82.8	83.1	83.1	83.1	83.1	83.1	83.4	83.8	84.1	84.4
GE 1500	53.3	81.5	83.4	84.4	85.1	86.4	86.4	86.4	86.8	86.8	86.8	86.8	86.8	87.1	87.4	87.7	88.1
GE 1200	55.6	85.1	87.7	89.1	89.7	91.1	91.1	91.1	91.4	91.7	91.7	91.7	91.7	92.1	92.4	92.7	93.0
GE 1000	56.3	87.7	90.4	92.4	93.0	94.4	94.4	94.4	94.7	95.0	95.0	95.0	95.0	95.4	95.7	96.0	96.4
GE 900	56.6	88.1	90.7	92.7	93.4	95.0	95.0	95.0	95.4	95.7	95.7	95.7	95.7	96.0	96.4	96.7	97.0
GE 800	57.0	88.4	91.1	93.0	93.7	95.4	95.4	95.4	95.7	96.0	96.0	96.0	96.0	96.4	96.7	97.0	97.4
GE 700	57.0	88.7	91.4	93.4	94.0	95.7	95.7	95.7	96.0	96.4	96.4	96.4	96.4	96.7	97.0	97.4	97.7
GE 600	57.0	88.7	91.4	93.4	94.0	95.7	95.7	95.7	96.0	96.4	96.4	96.4	96.4	96.7	97.0	97.4	97.7
GE 500	57.0	88.7	91.4	93.4	94.0	95.7	95.7	95.7	96.0	96.4	96.4	96.4	96.4	96.7	97.0	97.4	97.7
GE 400	57.0	88.7	91.4	93.4	94.0	95.7	95.7	95.7	96.0	96.4	96.4	96.4	96.4	96.7	97.0	97.4	97.7
GE 300	57.0	88.7	91.4	93.4	94.0	95.7	95.7	95.7	96.0	96.4	96.4	96.4	96.4	96.7	97.0	97.4	97.7
GE 200	57.0	88.7	91.4	93.4	94.0	95.7	95.7	95.7	96.0	96.4	96.4	96.4	96.4	96.7	97.0	97.4	97.7
GE 100	57.0	88.7	91.4	93.4	94.0	95.7	95.7	95.7	96.0	96.4	96.4	96.4	96.4	96.7	97.0	97.4	97.7
GE 01	57.0	88.7	91.4	93.4	94.0	95.7	95.7	95.7	96.0	96.4	96.4	96.4	96.4	96.7	97.0	97.4	97.7

TOTAL NUMBER OF OBSERVATIONS: 302

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 76-87
MONTH: JUL HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
NO CEIL	20.1	33.4	34.1	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.8	34.8	34.8	34.8	34.9	34.8
GE 20000	34.1	41.1	41.8	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.8	42.8	42.8	42.8	42.8	42.8
GE 18000	34.1	41.1	41.8	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.8	42.8	42.8	42.8	42.8	42.8
GE 16000	34.1	41.1	41.8	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.8	42.8	42.8	42.8	42.8	42.8
GE 14000	34.1	41.1	41.8	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.8	42.8	42.8	42.8	42.8	42.8
GE 12000	34.1	41.1	41.8	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.8	42.8	42.8	42.8	42.8	42.8
GE 10000	49.8	64.5	64.6	67.9	67.9	67.9	67.9	67.9	68.2	68.9	68.9	69.2	69.2	69.2	69.2	69.2
GE 9000	49.8	64.5	66.6	67.9	67.9	67.9	67.9	67.9	68.2	68.9	68.9	69.2	69.2	69.2	69.2	69.2
GE 8000	49.8	64.5	66.6	67.9	67.9	67.9	67.9	67.9	68.2	68.9	68.9	69.2	69.2	69.2	69.2	69.2
GE 7000	49.8	64.5	66.6	67.9	67.9	67.9	67.9	67.9	68.2	68.9	68.9	69.2	69.2	69.2	69.2	69.2
GE 6000	49.8	64.5	66.6	67.9	67.9	67.9	67.9	67.9	68.2	68.9	68.9	69.2	69.2	69.2	69.2	69.2
GE 5000	50.2	64.9	66.9	68.2	68.2	68.2	68.2	68.6	69.2	69.2	69.2	69.6	69.6	69.6	69.6	69.6
GE 4500	50.5	65.2	67.2	68.6	68.6	68.6	68.6	68.9	69.6	69.6	69.6	69.9	69.9	69.9	69.9	69.9
GE 4000	51.2	66.2	68.2	69.6	69.6	69.6	69.6	69.9	70.6	70.6	70.6	70.9	70.9	70.9	70.9	70.9
GE 3500	52.2	67.2	69.2	70.6	70.6	70.6	70.6	70.9	71.6	71.6	71.6	71.9	71.9	71.9	71.9	71.9
GE 3000	52.5	67.6	69.6	70.9	70.9	70.9	70.9	70.9	71.2	71.9	71.9	72.2	72.2	72.2	72.2	72.2
GE 2500	53.8	69.6	71.6	72.9	72.9	72.9	72.9	73.2	73.9	73.9	74.2	74.2	74.2	74.2	74.2	74.2
GE 2000	56.5	72.6	74.6	75.9	75.9	75.9	75.9	76.3	76.9	76.9	77.3	77.3	77.3	77.3	77.3	77.3
GE 1800	57.2	73.6	75.9	77.3	77.3	77.3	77.3	77.6	78.3	78.3	78.6	78.6	78.6	78.6	78.6	78.6
GE 1600	59.2	76.6	78.9	80.9	80.9	80.9	80.9	81.3	81.9	81.9	82.3	82.3	82.3	82.3	82.3	82.3
GE 1400	62.2	81.9	84.6	87.0	87.3	87.6	87.6	88.0	88.6	88.6	89.0	89.0	89.0	89.0	89.0	89.0
GE 1000	64.2	86.6	89.3	92.3	92.6	93.3	93.3	93.6	95.0	95.3	95.7	95.7	95.7	95.7	95.7	95.7
GE 900	64.5	87.0	89.6	93.0	93.3	94.0	94.0	94.3	95.7	96.0	96.3	96.3	96.3	96.3	96.3	96.3
GE 800	64.5	87.3	90.3	93.6	94.0	94.6	94.6	95.0	96.3	96.7	97.0	97.0	97.0	97.0	97.0	97.0
GE 700	64.5	87.6	90.6	94.3	94.6	95.3	95.3	95.7	97.0	97.3	98.0	98.0	98.0	98.0	98.0	98.0
GE 600	64.5	88.3	91.3	95.0	95.3	96.0	96.0	96.3	97.7	98.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	64.5	88.3	91.3	95.0	95.3	96.0	96.3	96.7	98.0	98.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 400	64.5	88.3	91.3	95.0	95.3	96.0	96.3	96.7	98.0	98.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 300	64.5	88.3	91.3	95.0	95.3	96.0	96.3	96.7	98.0	98.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 200	64.5	88.3	91.3	95.0	95.3	96.0	96.3	96.7	98.0	98.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 100	64.5	88.3	91.3	95.0	95.3	96.0	96.3	96.7	98.0	98.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 0	64.5	88.3	91.3	95.0	95.3	96.0	96.3	96.7	98.0	98.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS: 249

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 76-87

MONTH: JUL HOURS (LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	31.1	25.6	36.1	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
GE 20000	35.8	43.0	43.4	43.7	44.0	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 18000	35.8	43.0	43.4	43.7	44.0	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 16000	35.8	43.0	43.4	43.7	44.0	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 14000	35.8	43.0	43.4	43.7	44.0	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 12000	35.8	43.0	43.4	43.7	44.0	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 10000	47.7	60.3	61.3	61.9	62.3	63.2	63.2	63.2	63.2	63.6	63.6	63.6	63.6	63.6	63.9	63.9
GE 9000	47.7	60.3	61.3	61.9	62.3	63.2	63.2	63.2	63.2	63.6	63.6	63.6	63.6	63.6	63.9	63.9
GE 8000	47.7	60.3	61.3	61.9	62.3	63.2	63.2	63.2	63.2	63.6	63.6	63.6	63.6	63.6	63.9	63.9
GE 7000	49.0	60.6	61.6	62.3	62.6	63.6	63.6	63.6	63.6	63.9	63.9	63.9	63.9	63.9	64.2	64.2
GE 6000	49.0	60.6	61.6	62.3	62.6	63.6	63.6	63.6	63.6	63.9	63.9	63.9	63.9	63.9	64.2	64.2
GE 5000	49.0	60.6	61.6	62.3	62.6	63.6	63.6	63.6	63.6	63.9	63.9	63.9	63.9	63.9	64.2	64.2
GE 4500	49.0	60.6	61.6	62.3	62.6	63.6	63.6	63.6	63.6	63.9	63.9	63.9	63.9	63.9	64.2	64.2
GE 4000	49.0	61.6	62.6	63.2	63.6	64.6	64.6	64.6	64.6	64.9	64.9	64.9	64.9	64.9	65.2	65.2
GE 3500	49.7	62.3	63.2	63.9	64.2	65.2	65.2	65.2	65.2	65.6	65.6	65.6	65.6	65.6	65.9	65.9
GE 3000	51.0	61.6	64.6	65.2	65.6	66.6	66.6	66.6	66.6	66.9	66.9	66.9	66.9	66.9	67.2	67.2
GE 2500	55.6	68.9	69.9	70.5	70.9	72.2	72.2	72.2	72.2	72.5	72.5	72.5	72.5	72.5	72.8	72.8
GE 2000	57.9	72.8	73.8	74.5	74.8	76.2	76.2	76.2	76.2	76.5	76.5	76.5	76.5	76.5	76.8	76.8
GE 1800	59.6	75.5	76.6	77.5	77.8	79.1	79.1	79.1	79.1	79.5	79.5	79.5	79.5	79.5	79.8	79.8
GE 1600	61.6	78.8	81.1	81.8	82.1	83.4	83.4	83.4	83.4	83.8	83.8	83.8	83.8	83.8	84.1	84.1
GE 1400	64.6	85.4	87.7	88.7	89.1	90.4	90.7	90.7	90.7	91.1	91.1	91.1	91.1	91.1	91.4	91.4
GE 1200	65.6	87.7	90.4	91.7	92.4	94.4	94.7	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.4	95.4
GE 1000	65.6	88.1	90.7	92.4	93.0	95.0	95.4	95.4	95.4	95.7	95.7	95.7	95.7	95.7	96.0	96.0
GE 900	65.9	89.1	91.7	93.4	94.0	96.0	96.4	96.4	96.4	96.7	96.7	96.7	96.7	96.7	97.0	97.0
GE 800	66.2	90.1	93.0	95.4	96.4	98.3	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.3	99.3
GE 700	66.2	90.1	93.0	95.4	96.4	98.3	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.3	99.3
GE 600	66.2	90.1	93.0	95.4	96.4	98.3	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.3	99.3
GE 500	66.2	90.1	93.0	95.7	96.7	98.7	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0
GE 400	66.2	90.1	93.0	95.7	96.7	98.7	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0
GE 300	66.2	90.1	93.0	95.7	96.7	98.7	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0
GE 200	66.2	90.1	93.0	95.7	96.7	98.7	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0
GE 100	66.2	90.1	93.0	95.7	96.7	98.7	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 302

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS (LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE G
NO CELL	26.9	30.3	30.6	30.6	30.6	30.6	30.6	30.6	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
GE 20000	32.0	37.0	38.0	38.0	38.0	38.0	38.0	38.0	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 18000	32.0	37.0	38.0	38.0	38.0	38.0	38.0	38.0	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 16000	32.0	37.0	38.0	38.0	38.0	38.0	38.0	38.0	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 14000	32.0	37.0	38.0	38.0	38.0	38.0	38.0	38.0	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 12000	32.0	37.0	38.0	38.0	38.0	38.0	38.0	38.0	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 10000	45.8	55.2	56.6	56.9	57.2	57.2	57.6	57.9	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 9000	45.8	55.2	56.6	56.9	57.2	57.2	57.6	57.9	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 8000	45.8	55.2	56.6	56.9	57.2	57.2	57.6	57.9	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 7000	45.8	55.2	56.6	56.9	57.2	57.2	57.6	57.9	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 6000	45.8	55.2	56.6	56.9	57.2	57.2	57.6	57.9	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 5000	45.8	55.2	56.6	56.9	57.2	57.2	57.6	57.9	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 4000	45.8	55.2	56.6	56.9	57.2	57.2	57.6	57.9	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 3000	46.8	56.6	57.4	58.2	59.6	58.9	59.3	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 2000	47.8	57.6	58.9	59.3	59.6	59.9	60.3	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 1000	50.2	60.6	62.0	62.3	62.6	63.0	63.3	63.6	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 2500	60.3	72.7	74.1	74.4	74.7	75.1	75.4	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 2000	64.0	77.1	78.5	79.1	79.5	79.8	80.1	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 1800	65.0	78.8	81.5	82.2	82.5	82.8	83.2	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 1600	68.0	81.5	85.2	86.2	86.5	86.9	87.2	87.5	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 1400	71.4	85.6	91.6	92.9	93.3	93.6	93.9	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1200	72.1	91.2	93.6	95.3	95.6	96.0	96.3	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1000	72.1	91.9	94.6	96.6	97.0	97.3	97.6	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	72.4	92.3	94.9	97.0	97.3	97.6	98.0	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	72.4	92.3	95.3	97.3	97.6	98.0	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 400	72.4	92.3	95.3	97.3	97.6	98.3	98.7	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	72.4	92.3	95.3	97.3	97.6	98.3	98.7	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	72.4	92.3	95.3	97.3	97.6	98.3	98.7	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 50	72.7	92.6	95.6	97.6	98.0	98.7	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	72.7	92.6	95.6	97.6	98.0	98.7	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 257

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 205500 STATION NAME: ARKHANGELSK USSR

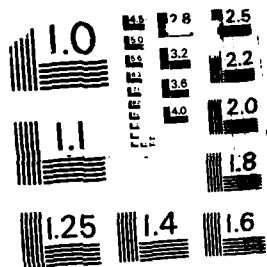
PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 3	GE 5	GE 7	GE 9	GE 11	GE 13	GE 15	GE 17	GE 19	GE 21	GE 23	GE 25	GE 27	GE 29	GE 31
NO CEIL	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
GE 20000	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
GE 18000	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
GE 16000	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
GE 14000	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
GE 12000	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
GE 10000	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 9000	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 8000	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 7000	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 6000	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 5000	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 4500	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 4000	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 3500	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 3000	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 2500	61.7	75.5	75.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 2000	64.9	80.9	81.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 1800	66.4	81.2	83.6	84.6	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 1500	67.4	86.2	86.6	87.6	87.9	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1000	72.1	92.6	94.3	96.0	96.6	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1000	72.1	94.0	95.0	97.0	97.7	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	72.5	94.6	95.6	98.0	98.7	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 800	72.5	94.6	95.6	98.0	98.7	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	72.5	95.0	96.0	98.3	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	72.5	95.0	96.0	98.3	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	72.5	95.3	96.3	98.3	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	72.5	95.3	96.3	98.3	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	72.5	95.3	96.3	98.3	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	72.5	95.3	96.3	98.3	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	72.5	95.3	96.3	98.3	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 0	72.5	95.3	96.3	98.3	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 298

AD-A190 727 ARKHANGELSK USSR LIMITED SURFACE OBSERVATIONS CLIMATIC 3/3
SUMMARY (LISOC) PARTS A-F(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. JAN 88
UNCLASSIFIED USAFETAC/DS-88/883 F/C 4/2 NL

END
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(IST): 1800-2000

CEILING IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	VISIBILITY IN STATUTE MILES									
							GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	25.9	33.8	33.8	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
GE 20000	31.4	41.4	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
GE 18000	31.4	41.4	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
GE 16000	31.4	41.4	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
GE 14000	31.4	41.4	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
GE 12000	31.4	41.4	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
GE 10000	47.6	66.2	66.6	67.2	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 9000	47.6	66.2	66.6	67.2	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 8000	47.6	66.2	66.6	67.2	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 7000	47.6	66.2	66.6	67.2	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 6000	47.6	66.2	66.6	67.2	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 5000	47.9	66.6	66.9	67.6	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 4500	48.6	67.2	67.6	68.3	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 4000	50.0	68.6	69.0	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 3500	50.3	69.3	69.7	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 3000	52.4	72.4	72.8	73.4	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 2500	57.9	78.6	79.3	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 2000	59.7	82.1	83.1	84.1	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 1800	61.4	84.1	85.2	86.2	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1500	63.4	87.2	88.3	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 1200	66.6	91.4	94.5	96.2	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1000	66.6	94.8	96.2	97.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 900	66.6	94.8	96.2	97.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 800	66.6	94.8	96.2	97.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	66.9	95.2	96.6	98.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	66.9	95.2	96.6	98.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	66.9	95.2	96.6	98.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	66.9	95.2	96.6	98.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	66.9	95.2	96.6	98.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	66.9	95.2	96.6	98.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	66.9	95.2	96.6	98.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 0	66.9	95.2	96.6	98.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 290

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(IST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 7/8	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	28.6	35.5	35.5	36.5	36.5	36.5	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
GE 20000	34.2	42.8	43.4	44.4	44.7	44.7	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
GE 18000	34.2	42.8	43.4	44.4	44.7	44.7	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
GE 16000	34.2	42.8	43.4	44.4	44.7	44.7	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
GE 14000	34.2	42.8	43.4	44.4	44.7	44.7	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
GE 12000	34.2	42.8	43.4	44.4	44.7	44.7	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
GE 10000	52.6	69.1	70.4	72.0	72.4	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 9000	52.6	69.1	70.4	72.0	72.4	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 8000	52.6	69.1	70.4	72.0	72.4	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 7000	52.6	69.1	70.4	72.0	72.4	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 6000	52.6	69.1	70.4	72.0	72.4	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 5000	53.0	69.7	71.1	72.7	73.0	73.0	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 4500	53.9	70.7	72.0	73.7	74.0	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 4000	54.9	71.7	73.0	74.7	75.0	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 3500	55.6	72.4	73.7	75.3	75.7	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 3000	57.2	74.0	75.3	77.0	77.3	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 2500	59.2	77.0	78.3	79.9	80.3	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 2000	60.9	80.3	81.6	83.6	83.9	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 1800	61.2	81.6	82.9	84.9	85.2	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 1500	64.8	86.8	88.2	90.1	90.5	90.5	90.8	90.8	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1200	66.9	91.1	92.0	95.1	95.7	95.7	96.1	96.1	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1000	67.1	92.8	94.7	97.0	98.7	98.7	99.0	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	67.1	92.8	94.7	97.0	98.7	98.7	99.0	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	67.1	92.8	94.7	97.0	98.7	98.7	99.0	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	67.1	92.8	94.7	97.0	98.7	98.7	99.0	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	67.1	92.8	94.7	97.0	98.7	98.7	99.0	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	67.1	92.8	94.7	97.0	98.7	98.7	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	67.1	92.8	94.7	97.0	98.7	98.7	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	67.1	92.8	94.7	97.0	98.7	98.7	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	67.1	92.8	94.7	97.0	98.7	98.7	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	67.1	92.8	94.7	97.0	98.7	98.7	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	67.1	92.8	94.7	97.0	98.7	98.7	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 304

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87

MONTH: JUL HOURS(1ST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	27.0	33.9	34.2	34.5	34.5	34.6	34.6	34.6	34.7	34.7	34.7	34.7	34.7	34.7	34.8	34.8
GE 20000	32.4	41.4	42.0	42.5	42.6	42.7	42.8	42.8	42.9	42.9	42.9	42.9	42.9	42.9	43.0	43.0
GE 18000	32.4	41.4	42.0	42.5	42.6	42.7	42.8	42.8	42.9	42.9	42.9	42.9	42.9	42.9	43.0	43.0
GE 16000	32.4	41.4	42.0	42.5	42.6	42.7	42.8	42.8	42.9	42.9	42.9	42.9	42.9	42.9	43.0	43.0
GE 14000	32.4	41.4	42.0	42.5	42.6	42.7	42.8	42.8	42.9	42.9	42.9	42.9	42.9	42.9	43.0	43.0
GE 12000	32.4	41.4	42.0	42.5	42.6	42.7	42.8	42.8	42.9	42.9	42.9	42.9	42.9	42.9	43.0	43.0
GE 10000	46.7	62.7	63.7	64.6	64.8	65.3	65.3	65.5	65.6	65.7	65.7	65.7	65.8	65.8	65.9	65.9
GE 9000	46.7	62.7	63.7	64.6	64.8	65.3	65.3	65.5	65.6	65.7	65.7	65.7	65.8	65.8	65.9	65.9
GE 8000	46.7	62.7	63.7	64.6	64.8	65.3	65.3	65.5	65.6	65.7	65.7	65.7	65.8	65.8	65.9	65.9
GE 7000	46.8	62.7	63.7	64.7	64.9	65.3	65.4	65.5	65.7	65.7	65.8	65.8	65.8	65.8	65.9	66.0
GE 6000	46.8	62.7	63.7	64.7	64.9	65.3	65.4	65.5	65.7	65.7	65.8	65.8	65.8	65.8	65.9	66.0
GE 5000	47.1	63.1	64.1	65.1	65.3	65.7	65.8	65.9	66.1	66.1	66.2	66.2	66.2	66.3	66.3	66.4
GE 4500	47.5	63.6	64.6	65.6	65.8	66.2	66.3	66.4	66.6	66.6	66.6	66.6	66.7	66.7	66.8	66.8
GE 4000	48.7	65.1	66.1	67.0	67.2	67.7	67.8	67.9	68.1	68.1	68.1	68.1	68.2	68.2	68.3	68.4
GE 3500	49.5	65.9	66.9	67.9	68.1	68.6	68.6	68.8	68.9	69.0	69.0	69.1	69.1	69.1	69.2	69.3
GE 3000	51.1	68.0	69.0	69.9	70.2	70.7	70.7	70.9	71.0	71.1	71.1	71.2	71.2	71.2	71.3	71.4
GE 2500	55.6	73.5	74.6	75.6	75.8	76.4	76.5	76.6	76.8	76.8	76.8	76.9	76.9	77.0	77.0	77.1
GE 2000	57.9	77.2	78.5	79.6	79.9	80.5	80.6	80.7	80.9	80.9	80.9	81.0	81.0	81.1	81.1	81.2
GE 1800	59.2	79.2	80.6	81.8	82.1	82.7	82.8	82.9	83.1	83.2	83.2	83.3	83.3	83.4	83.4	83.5
GE 1500	61.4	82.7	84.2	85.7	86.1	86.7	86.7	86.9	87.1	87.2	87.2	87.3	87.3	87.4	87.5	87.5
GE 1200	64.4	88.2	90.1	91.8	92.4	93.0	93.1	93.4	93.6	93.6	93.7	93.8	93.9	93.9	94.0	94.0
GE 1000	65.1	90.4	92.4	94.6	95.4	96.2	96.3	96.6	96.9	97.0	97.1	97.2	97.2	97.3	97.4	97.4
GE 900	65.2	90.8	92.9	95.2	96.0	96.8	96.9	97.2	97.5	97.7	97.7	97.8	97.9	97.9	98.0	98.0
GE 800	65.3	91.1	93.3	95.7	96.4	97.3	97.4	97.7	98.0	98.1	98.2	98.3	98.3	98.4	98.5	98.5
GE 700	65.4	91.4	93.6	96.2	97.0	97.8	98.0	98.3	98.7	98.8	98.9	99.0	99.0	99.1	99.2	99.2
GE 600	65.4	91.5	93.7	96.3	97.1	98.0	98.2	98.5	98.8	99.0	99.1	99.2	99.2	99.3	99.4	99.4
GE 500	65.4	91.5	93.8	96.4	97.2	98.1	98.3	98.6	99.0	99.2	99.3	99.4	99.5	99.5	99.6	99.7
GE 400	65.4	91.5	93.8	96.4	97.2	98.1	98.3	98.7	99.1	99.2	99.4	99.5	99.5	99.6	99.7	99.7
GE 300	65.4	91.5	93.8	96.4	97.2	98.1	98.3	98.7	99.1	99.2	99.4	99.5	99.5	99.6	99.7	99.7
GE 200	65.5	91.6	93.9	96.4	97.3	98.2	98.4	98.7	99.1	99.2	99.4	99.5	99.6	99.8	99.9	99.9
GE 100	65.5	91.6	93.9	96.4	97.3	98.2	98.4	98.7	99.1	99.2	99.4	99.5	99.6	99.8	99.9	100.0
GE 0	65.5	91.6	93.9	96.4	97.3	98.2	98.4	98.7	99.1	99.2	99.4	99.5	99.6	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 2392

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(IST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	17.0	26.3	27.3	28.0	28.0	28.0	28.0	28.0	28.3	28.3	28.3	28.3	28.3	28.3	28.7	28.7
GE 20000	20.3	31.0	32.3	33.3	33.3	33.3	33.3	33.3	33.3	33.7	34.0	34.0	34.0	34.0	34.3	34.3
GE 18000	20.3	31.0	32.3	33.3	33.3	33.3	33.3	33.3	33.3	33.7	34.0	34.0	34.0	34.0	34.3	34.3
GE 16000	20.3	31.0	32.3	33.3	33.3	33.3	33.3	33.3	33.3	33.7	34.0	34.0	34.0	34.0	34.3	34.3
GE 14000	20.3	31.0	32.3	33.3	33.3	33.3	33.3	33.3	33.3	33.7	34.0	34.0	34.0	34.0	34.3	34.3
GE 12000	20.3	31.0	32.3	33.3	33.3	33.3	33.3	33.3	33.3	33.7	34.0	34.0	34.0	34.0	34.3	34.3
GE 10000	39.3	58.0	59.7	61.0	61.0	61.0	61.0	61.0	61.0	61.3	61.7	61.7	61.7	61.7	62.0	62.0
GE 9000	39.3	58.0	59.7	61.0	61.0	61.0	61.0	61.0	61.0	61.3	61.7	61.7	61.7	61.7	62.0	62.0
GE 8000	39.3	58.0	59.7	61.0	61.0	61.0	61.0	61.0	61.0	61.3	61.7	61.7	61.7	61.7	62.0	62.0
GE 7000	39.3	58.0	59.7	61.0	61.0	61.0	61.0	61.0	61.0	61.3	61.7	61.7	61.7	61.7	62.0	62.0
GE 6000	39.3	58.0	59.7	61.0	61.0	61.0	61.0	61.0	61.0	61.3	61.7	61.7	61.7	61.7	62.0	62.0
GE 5000	39.7	58.7	60.3	61.7	61.7	61.7	61.7	61.7	61.7	62.0	62.3	62.3	62.3	62.3	62.7	62.7
GE 4500	40.7	59.7	61.3	63.0	63.0	63.0	63.0	63.0	63.0	63.3	63.7	63.7	63.7	63.7	64.0	64.0
GE 4000	41.7	60.7	62.3	64.0	64.0	64.0	64.0	64.0	64.0	64.3	64.7	64.7	64.7	64.7	65.0	65.0
GE 3500	43.7	62.7	64.3	66.0	66.0	66.0	66.0	66.0	66.0	66.3	66.7	66.7	66.7	66.7	67.0	67.0
GE 3000	45.0	65.3	67.7	69.3	69.3	69.3	69.3	69.3	69.3	69.7	70.0	70.0	70.0	70.0	70.3	70.3
GE 2500	46.7	65.0	72.0	73.7	73.7	73.7	73.7	73.7	73.7	74.0	74.3	74.3	74.3	74.3	74.7	74.7
GE 2000	48.7	72.3	75.3	77.0	77.0	77.0	77.0	77.0	77.0	77.3	77.7	77.7	77.7	77.7	78.0	78.0
GE 1800	49.7	75.0	78.0	80.0	80.0	80.0	80.0	80.0	80.0	80.3	80.7	80.7	80.7	80.7	81.0	81.0
GE 1500	50.0	76.7	80.0	82.3	82.3	82.3	82.3	82.3	82.3	82.7	83.0	83.0	83.0	83.0	83.3	83.3
GE 1200	53.0	84.3	88.0	90.3	90.3	90.3	90.3	90.7	91.0	91.3	91.7	91.7	91.7	91.7	92.0	92.0
GE 1000	53.3	81.0	90.7	93.7	93.7	93.7	94.0	94.3	94.7	95.0	95.0	95.0	95.0	95.0	95.3	95.3
GE 900	53.7	87.7	91.3	94.3	94.3	94.3	95.0	95.3	95.7	96.0	96.0	96.0	96.0	96.0	96.3	96.3
GE 800	53.7	88.0	91.7	94.7	95.3	95.3	96.0	96.3	96.7	97.0	97.0	97.0	97.0	97.0	97.3	97.3
GE 700	53.7	88.0	91.7	94.7	95.3	95.3	96.0	96.3	96.7	97.0	97.0	97.0	97.0	97.0	97.3	97.3
GE 600	54.0	88.7	92.3	95.3	96.0	96.0	96.7	97.0	97.3	97.7	97.7	97.7	97.7	97.7	98.0	98.0
GE 500	54.0	88.7	92.3	95.3	96.0	96.0	96.7	97.0	97.3	97.7	97.7	97.7	97.7	97.7	98.0	98.0
GE 400	54.0	88.7	92.3	95.3	96.0	96.0	96.7	97.0	97.3	97.7	97.7	97.7	97.7	97.7	98.0	98.0
GE 300	54.0	88.7	92.3	95.3	96.0	96.0	96.7	97.0	97.3	97.7	97.7	97.7	97.7	97.7	98.0	98.0
GE 200	54.0	88.7	92.3	95.3	96.0	96.0	96.7	97.0	97.3	97.7	97.7	97.7	97.7	97.7	98.3	98.3
GE 100	54.0	88.7	92.3	95.3	96.0	96.0	96.7	97.0	97.3	97.7	97.7	97.7	97.7	97.7	98.3	98.3
GE 0	54.0	88.7	92.3	95.3	96.0	96.0	96.7	97.0	97.3	97.7	97.7	97.7	97.7	97.7	98.3	98.3

TOTAL NUMBER OF OBSERVATIONS: 300

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87

MONTH: AUG HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	14.1	22.8	22.8	23.2	23.5	23.8	23.8	24.5	24.5	24.5	24.8	24.8	25.5	26.2	26.2	26.8
GE 20000	16.1	27.2	28.2	28.9	29.2	29.5	29.5	30.5	30.5	30.5	30.9	30.9	31.5	32.2	32.2	33.2
GE 18000	16.1	27.2	28.2	28.9	29.2	29.5	29.5	30.5	30.5	30.5	30.9	30.9	31.5	32.2	32.2	33.2
GE 16000	16.1	27.2	28.2	28.9	29.2	29.5	29.5	30.5	30.5	30.5	30.9	30.9	31.5	32.2	32.2	33.2
GE 14000	16.1	27.2	28.2	28.9	29.2	29.5	29.5	30.5	30.5	30.5	30.9	30.9	31.5	32.2	32.2	33.2
GE 12000	16.1	27.2	28.2	28.9	29.2	29.5	29.5	30.5	30.5	30.5	30.9	30.9	31.5	32.2	32.2	33.2
GE 10000	30.9	52.7	53.7	54.4	54.7	55.4	55.4	56.4	56.4	56.7	57.0	57.0	57.7	58.4	58.4	59.4
GE 9000	30.9	52.7	53.7	54.4	54.7	55.4	55.4	56.4	56.4	56.7	57.0	57.0	57.7	58.4	58.4	59.4
GE 8000	30.9	52.7	53.7	54.4	54.7	55.4	55.4	56.4	56.4	56.7	57.0	57.0	57.7	58.4	58.4	59.4
GE 7000	30.9	52.7	53.7	54.4	54.7	55.4	55.4	56.4	56.4	56.7	57.0	57.0	57.7	58.4	58.4	59.4
GE 6000	30.9	52.7	53.7	54.4	54.7	55.4	55.4	56.4	56.4	56.7	57.0	57.0	57.7	58.4	58.4	59.4
GE 5000	31.2	53.4	54.4	55.0	55.4	56.0	56.0	57.0	57.0	57.4	57.7	57.7	58.4	59.1	59.1	60.1
GE 4500	31.2	53.7	54.7	55.4	55.7	56.4	56.4	57.4	57.4	57.7	58.1	58.1	58.7	59.4	59.4	60.4
GE 4000	31.5	54.4	55.4	56.0	56.4	57.0	57.0	58.1	58.1	58.4	58.7	58.7	59.4	60.1	60.1	61.1
GE 3500	32.6	56.4	57.4	58.4	58.7	59.4	59.4	60.4	60.4	60.7	61.1	61.1	61.7	62.4	62.4	63.4
GE 3000	33.2	57.4	58.7	59.7	60.1	60.7	60.7	61.7	61.7	62.1	62.4	62.4	63.1	63.8	63.8	64.8
GE 2500	36.2	63.4	65.4	66.4	66.8	67.4	67.4	68.5	68.5	68.8	69.1	69.1	69.8	70.5	70.5	71.5
GE 2000	37.6	66.4	68.5	69.8	70.1	70.8	70.8	71.8	71.8	72.1	72.5	72.5	73.2	73.8	73.8	74.8
GE 1800	39.6	69.1	71.5	73.2	73.5	74.2	74.2	75.2	75.2	75.5	75.8	75.8	76.5	77.2	77.2	78.2
GE 1500	41.3	72.5	75.5	77.5	78.2	78.9	78.9	79.9	79.9	80.2	80.5	80.5	81.2	81.9	81.9	82.9
GE 1200	45.6	81.2	84.2	86.9	87.6	88.3	88.6	89.6	89.6	89.9	90.3	90.3	90.9	91.6	91.6	92.6
GE 1000	46.0	82.9	86.2	88.9	89.9	90.6	90.9	91.9	91.9	92.3	92.6	92.6	93.3	94.0	94.0	95.0
GE 900	46.0	82.9	86.2	88.9	89.9	90.6	90.9	91.9	91.9	92.3	92.6	92.6	93.3	94.0	94.0	95.0
GE 800	46.3	83.2	86.6	89.3	90.3	90.9	91.3	92.3	92.3	92.6	93.0	93.0	93.6	94.3	94.3	95.3
GE 700	46.6	84.2	87.6	90.3	91.6	92.6	93.0	94.0	94.0	94.3	94.6	94.6	95.3	96.0	96.0	97.0
GE 600	46.6	84.6	87.9	90.6	91.9	93.0	93.3	94.3	94.3	94.6	95.0	95.0	95.6	96.3	96.3	97.3
GE 500	46.6	84.6	87.9	90.6	91.9	93.0	93.3	94.3	94.3	94.6	95.0	95.0	95.6	96.3	96.3	97.3
GE 400	46.6	84.9	88.3	91.3	92.6	93.6	94.0	95.0	95.0	95.6	96.0	96.0	96.6	97.3	97.3	98.3
GE 300	46.6	84.9	88.3	91.3	92.6	93.6	94.0	95.0	95.0	95.6	96.0	96.0	96.6	97.3	97.3	98.3
GE 200	46.6	84.9	88.3	91.3	92.6	93.6	94.0	95.0	95.0	95.6	96.0	96.3	97.0	98.3	98.3	99.3
GE 100	46.6	84.9	88.3	91.3	92.6	93.6	94.0	95.0	95.0	95.6	96.0	96.3	97.0	98.7	98.7	99.7
GE 01	46.6	84.9	88.3	91.3	92.6	93.6	94.0	95.0	95.0	95.6	96.0	96.3	97.0	98.7	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 298

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(IST): 0600-0800

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	13.0	20.1	21.8	21.8	21.8	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.5	23.2	23.9	24.2
GE 20000	15.7	21.9	25.9	26.3	27.6	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.3	29.0	29.7	30.4
GE 18000	15.7	21.9	25.9	26.3	27.6	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.3	29.0	29.7	30.4
GE 16000	15.7	21.9	25.9	26.3	27.6	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.3	29.0	29.7	30.4
GE 14000	15.7	21.9	25.9	26.3	27.6	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.3	29.0	29.7	30.4
GE 12000	15.7	21.9	25.9	26.3	27.6	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.3	29.0	29.7	30.4
GE 10000	34.1	51.9	54.6	55.3	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.3	58.0	58.7	59.4
GE 9000	34.1	51.9	54.6	55.3	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.3	58.0	58.7	59.4
GE 8000	34.1	51.9	54.6	55.3	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.3	58.0	58.7	59.4
GE 7000	34.1	51.9	54.6	55.3	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.3	58.0	58.7	59.4
GE 6000	34.1	52.2	54.9	55.6	57.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.7	58.4	59.0	59.7
GE 5000	34.1	52.2	54.9	55.6	57.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.7	58.4	59.0	59.7
GE 4500	34.1	52.2	54.9	55.6	57.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.7	58.4	59.0	59.7
GE 4000	35.2	53.9	56.7	57.3	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.4	60.1	60.8	61.4
GE 3500	37.2	56.7	59.7	60.4	61.8	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.5	63.1	63.8	64.5
GE 3000	37.9	58.0	61.1	61.8	63.1	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.8	64.5	65.2	65.9
GE 2500	43.0	64.5	67.6	68.6	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.6	71.0	71.7	72.4	73.0
GE 2000	44.0	66.9	70.0	71.7	73.0	73.4	73.4	73.4	73.4	73.4	73.4	73.7	74.1	74.7	75.4	76.1
GE 1800	44.0	67.9	71.0	72.7	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.7	75.1	75.8	76.5	77.1
GE 1600	45.1	69.6	73.4	76.1	77.8	78.2	78.2	78.2	78.2	78.2	78.2	78.5	78.8	79.5	80.2	80.9
GE 1400	46.8	76.1	80.2	83.3	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.3	86.7	87.4	88.1	88.7
GE 1200	47.4	78.2	82.6	86.0	88.4	89.4	89.8	89.8	89.8	89.8	89.8	90.1	90.4	91.1	91.8	92.5
GE 1000	47.8	79.2	83.6	87.0	89.4	90.4	90.8	90.8	90.8	90.8	90.8	91.1	91.5	92.2	92.8	93.5
GE 800	47.8	79.5	84.0	87.4	89.8	90.8	91.1	91.1	91.1	91.1	91.1	91.5	91.8	92.5	93.2	93.9
GE 700	49.1	81.2	85.7	89.8	92.2	93.2	93.5	93.5	93.5	93.5	93.5	93.9	94.2	94.9	95.6	96.3
GE 600	48.8	82.3	87.0	91.1	93.5	94.5	94.9	94.9	94.9	94.9	94.9	95.2	95.6	96.2	97.3	98.0
GE 500	48.8	82.3	87.0	91.1	93.5	94.5	94.9	94.9	94.9	94.9	94.9	95.2	95.6	96.2	97.3	98.0
GE 400	48.8	82.6	87.4	91.5	93.9	94.9	95.2	95.2	95.2	95.2	95.2	95.6	95.9	96.6	97.6	98.3
GE 300	48.8	82.6	87.4	91.5	93.9	94.9	95.2	95.2	95.2	95.2	95.2	95.6	95.9	96.6	97.6	98.3
GE 200	48.8	82.6	87.4	91.5	93.9	94.9	95.2	95.2	95.2	95.2	95.2	95.6	95.9	96.6	97.3	98.3
GE 100	48.8	82.6	87.4	91.5	93.9	94.9	95.2	95.2	95.2	95.2	95.2	95.6	95.9	96.6	97.3	99.0
GE 0	48.8	82.6	87.4	91.5	93.9	94.9	95.2	95.2	95.2	95.2	95.2	95.6	95.9	96.6	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 293

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKANGELSK USSR

PERIOD OF RECORD: 76-87

MONTH: AUG

HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 7/8	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE G
NO CEIL	13.3	20.7	20.7	21.0	21.0	21.0	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
GE 20000	17.3	25.7	25.7	26.0	26.0	26.0	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
GE 18000	17.3	25.7	25.7	26.0	26.0	26.0	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
GE 16000	17.3	25.7	25.7	26.0	26.0	26.0	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
GE 14000	17.3	25.7	25.7	26.0	26.0	26.0	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
GE 12000	17.3	25.7	25.7	26.0	26.0	26.0	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
GE 10000	32.3	49.0	50.0	51.3	51.3	52.0	52.3	52.3	52.7	52.7	52.7	53.0	53.0	53.0	53.0	53.3
GE 9000	32.3	49.0	50.0	51.3	51.3	52.0	52.3	52.3	52.7	52.7	52.7	53.0	53.0	53.0	53.0	53.3
GE 8000	32.3	49.0	50.0	51.3	51.3	52.0	52.3	52.3	52.7	52.7	52.7	53.0	53.0	53.0	53.0	53.3
GE 7000	32.3	49.0	50.0	51.3	51.3	52.0	52.3	52.3	52.7	52.7	52.7	53.0	53.0	53.0	53.0	53.3
GE 6000	32.3	49.0	50.0	51.3	51.3	52.0	52.3	52.3	52.7	52.7	52.7	53.0	53.0	53.0	53.0	53.3
GE 5000	32.3	49.0	50.0	51.3	51.3	52.0	52.3	52.3	52.7	52.7	52.7	53.0	53.0	53.0	53.0	53.3
GE 4500	32.3	49.0	50.0	51.3	51.3	52.0	52.3	52.3	52.7	52.7	52.7	53.0	53.0	53.0	53.0	53.3
GE 4000	33.3	50.3	51.3	52.7	52.7	53.3	53.7	53.7	54.0	54.0	54.0	54.3	54.3	54.3	54.3	54.7
GE 3500	33.7	51.0	52.0	53.3	53.3	54.0	54.3	54.3	54.7	54.7	54.7	55.0	55.0	55.0	55.0	55.3
GE 3000	35.0	53.0	54.0	55.3	55.3	56.0	56.7	56.7	57.0	57.0	57.0	57.3	57.3	57.3	57.3	57.7
GE 2500	41.0	61.3	62.7	64.0	64.0	64.7	65.3	65.3	65.7	65.7	65.7	66.0	66.0	66.0	66.0	66.7
GE 2000	43.3	65.3	67.0	68.7	68.7	69.3	70.0	70.0	70.3	70.3	70.3	70.7	70.7	70.7	70.7	71.3
GE 1800	45.0	68.0	69.7	71.3	71.3	72.0	72.7	72.7	73.0	73.0	73.0	73.3	73.3	73.3	73.3	74.0
GE 1500	47.7	72.0	74.0	76.0	76.0	76.7	77.3	77.3	77.7	77.7	77.7	78.0	78.0	78.0	78.0	78.7
GE 1200	51.7	80.3	83.3	85.3	85.3	86.0	86.7	87.3	87.7	87.7	87.7	88.0	88.0	88.0	88.0	88.7
GE 1000	52.7	83.7	86.7	89.3	89.7	90.3	91.3	92.0	92.3	92.3	92.3	92.7	92.7	92.7	92.7	93.3
GE 900	53.3	85.0	88.0	90.7	91.0	91.7	92.7	93.3	93.7	93.7	93.7	94.0	94.0	94.0	94.0	94.7
GE 800	53.7	85.7	88.7	91.3	91.7	92.7	93.7	94.3	94.7	94.7	94.7	95.0	95.0	95.0	95.0	95.7
GE 700	53.7	86.0	89.3	92.7	93.0	94.0	95.0	96.0	96.3	96.7	96.7	97.0	97.0	97.0	97.0	97.7
GE 600	54.0	86.3	89.7	93.3	93.7	95.0	96.0	97.0	97.3	97.7	97.7	98.3	98.3	98.3	98.3	99.0
GE 500	54.0	86.3	89.7	93.3	94.0	95.3	96.3	97.3	97.7	98.0	98.0	98.7	98.7	98.7	98.7	99.3
GE 400	54.0	86.3	89.7	93.3	94.0	95.3	96.3	97.3	97.7	98.0	98.0	98.7	98.7	98.7	98.7	99.3
GE 300	54.0	86.3	89.7	93.3	94.0	95.3	96.3	97.3	97.7	98.0	98.0	98.7	98.7	98.7	98.7	99.3
GE 200	54.0	86.3	89.7	93.3	94.0	95.3	96.3	97.3	97.7	98.0	98.0	98.7	99.3	99.3	99.3	100.0
GE 100	54.0	86.3	89.7	93.3	94.0	95.3	96.3	97.3	97.7	98.0	98.0	98.7	99.3	99.3	99.3	100.0
GE 0	54.0	86.3	89.7	93.3	94.0	95.3	96.3	97.3	97.7	98.0	98.0	98.7	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 300

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	14.5	17.5	18.2	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	19.9	19.2	19.2	19.2	19.2
GE 20000	18.5	24.9	25.6	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.6	26.6	26.6	26.6
GE 18000	19.5	24.9	25.6	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.6	26.6	26.6	26.6
GE 16000	18.5	24.9	25.6	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.6	26.6	26.6	26.6
GE 14000	19.5	24.9	25.6	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.6	26.6	26.6	26.6
GE 12000	18.5	24.9	25.6	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.6	26.6	26.6	26.6
GE 10000	34.3	45.5	46.5	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	48.1	48.1	48.1	48.1
GE 9000	34.3	45.5	46.5	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	48.1	48.1	48.1	48.1
GE 8000	34.3	45.5	46.5	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	48.1	48.1	48.1	48.1
GE 7000	34.3	45.5	46.5	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	48.1	48.1	48.1	48.1
GE 6000	34.3	45.5	46.5	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	48.1	48.1	48.1	48.1
GE 5000	34.3	45.5	46.5	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	48.1	48.1	48.1	48.1
GE 4500	34.3	45.5	46.5	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	48.1	48.1	48.1	48.1
GE 4000	36.7	48.5	49.5	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	51.2	51.2	51.2	51.2
GE 3500	37.0	48.8	49.8	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.5	51.5	51.5	51.5
GE 3000	39.7	52.9	54.2	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.9	55.9	55.9	55.9
GE 2500	53.5	68.7	70.4	71.7	71.7	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.7	72.7	72.7	72.7
GE 2000	58.6	76.4	78.1	79.5	79.8	80.1	80.5	80.5	80.5	80.5	80.5	80.5	81.1	81.1	81.1	81.1
GE 1800	59.9	78.8	81.1	82.5	83.2	83.5	83.8	83.8	83.8	83.8	83.8	83.8	84.5	84.5	84.5	84.5
GE 1500	61.3	82.5	85.2	86.9	87.9	88.2	88.6	88.6	88.6	88.6	88.6	88.6	89.2	89.2	89.2	89.2
GE 1200	63.3	86.9	89.9	92.3	93.6	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.9	94.9	94.9	94.9
GE 1000	64.0	88.9	91.9	94.9	96.3	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.6	97.6	97.6	97.6
GE 900	64.0	89.6	92.6	95.6	97.0	97.3	97.6	97.6	97.6	97.6	97.6	97.6	98.3	98.3	98.3	98.3
GE 800	64.0	90.9	92.9	96.0	97.3	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.7	98.7	98.7	98.7
GE 700	64.0	90.2	93.3	96.3	97.6	98.0	98.3	98.3	98.3	98.3	98.3	98.3	99.0	99.0	99.0	99.0
GE 600	64.0	90.2	93.6	96.6	98.0	98.3	98.7	98.7	98.7	98.7	98.7	98.7	99.3	99.3	99.3	99.3
GE 500	64.0	90.6	93.9	97.0	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.7	99.7	99.7	99.7
GE 400	64.0	90.6	93.9	97.0	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.7	99.7	99.7	99.7
GE 300	64.0	90.6	93.9	97.0	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.7	99.7	99.7	99.7
GE 200	64.0	90.6	93.9	97.0	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.7	99.7	100.0	100.0
GE 100	64.0	90.6	93.9	97.0	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.7	99.7	100.0	100.0
GE 0	64.0	90.6	93.9	97.0	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 297

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 2255CC STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87

MONTH: AUG HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11	GE 12	GE 13	GE 14	GE 15	GE 16	GE 17
NO CEIL	21.7	24.0	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
GE 20000	26.7	30.3	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
GE 18000	26.7	30.3	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
GE 16000	26.7	30.3	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
GE 14000	26.7	30.3	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
GE 12000	26.7	30.3	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
GE 10000	40.3	49.7	50.0	50.0	50.0	50.0	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 9000	40.3	49.7	50.0	50.0	50.0	50.0	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 8000	40.3	49.7	50.0	50.0	50.0	50.0	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 7000	40.3	49.7	50.0	50.0	50.0	50.0	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 6000	40.3	49.7	50.0	50.0	50.0	50.0	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 5000	40.3	49.7	50.0	50.0	50.0	50.0	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 4500	40.3	49.7	50.0	50.0	50.0	50.0	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 4000	43.7	54.0	54.3	54.3	54.3	54.3	54.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 3500	45.0	55.3	55.7	55.7	55.7	55.7	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 3000	49.3	55.7	60.0	60.0	60.0	60.0	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 2500	60.7	75.7	76.7	76.7	76.7	76.7	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 2000	65.0	81.3	82.7	82.7	82.7	82.7	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 1800	66.7	85.0	86.3	86.3	86.3	86.3	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 1500	69.3	87.3	88.7	89.0	89.0	89.0	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 1200	71.7	91.3	95.3	96.3	96.3	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1000	71.7	94.7	97.0	98.3	98.3	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	71.7	94.7	97.0	98.3	98.3	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	71.7	94.7	97.0	98.3	98.3	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	71.7	94.7	97.3	98.7	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	71.7	95.0	97.7	99.0	99.0	99.0	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	71.7	95.0	97.7	99.0	99.0	99.0	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	71.7	95.0	97.7	99.3	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	71.7	95.0	97.7	99.3	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	71.7	95.0	97.7	99.3	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	71.7	95.0	97.7	99.3	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50	71.7	95.0	97.7	99.3	99.3	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 300

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS (LST): 1800-2000

CEILING		VISIBILITY IN STATUTE MILES																
IN FEET	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	1	21.6	27.2	27.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	
GE 20000	1	27.5	34.6	34.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	
GE 18000	1	27.5	34.6	34.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	
GE 16000	1	27.5	34.6	34.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	
GE 14000	1	27.5	34.6	34.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	
GE 12000	1	27.5	34.6	34.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	
GE 10000	1	44.0	55.7	56.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	
GE 9000	1	44.0	55.7	56.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	
GE 8000	1	44.0	55.7	56.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	
GE 7000	1	44.0	55.7	56.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	
GE 6000	1	44.0	55.7	56.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	
GE 5000	1	44.6	56.4	57.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	
GE 4500	1	44.6	56.4	57.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	
GE 4000	1	47.3	59.7	61.1	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	
GE 3500	1	48.0	60.4	61.7	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	
GE 3000	1	50.3	63.4	64.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	
GE 2500	1	56.7	71.2	74.8	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	
GE 2000	1	61.4	75.2	80.9	82.2	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	
GE 1800	1	63.1	81.9	83.6	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	
GE 1500	1	64.4	85.9	87.6	88.9	89.3	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	
GE 1200	1	66.8	90.3	92.6	94.6	95.3	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	
GE 1000	1	67.4	91.9	94.3	96.6	97.3	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
GE 900	1	67.4	92.6	95.0	97.3	98.0	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
GE 800	1	67.4	93.1	95.3	97.7	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 700	1	67.8	93.3	95.6	98.0	98.7	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 600	1	67.8	93.6	96.0	98.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 500	1	67.8	93.6	96.0	98.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 400	1	67.8	93.6	96.0	98.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300	1	67.8	93.6	96.0	98.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	1	67.8	93.6	96.0	98.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	1	67.8	93.6	96.0	98.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0	1	67.8	93.6	96.0	98.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 298

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(IST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0	
NO CEIL	21.9	29.5	29.5	30.1	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	
GE 2000	27.5	37.4	37.7	38.4	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	
GE 1800	27.5	37.4	37.7	38.4	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	
GE 1600	27.5	37.4	37.7	38.4	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	
GE 1400	27.5	37.4	37.7	38.4	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	
GE 1200	27.5	37.4	37.7	38.4	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	
GE 1000	40.7	57.9	59.6	60.3	60.6	60.6	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	
GE 900	40.7	57.9	59.6	60.3	60.6	60.6	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	
GE 800	40.7	57.9	59.6	60.3	60.6	60.6	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	
GE 700	40.7	57.9	59.6	60.3	60.6	60.6	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	
GE 600	40.7	57.9	59.6	60.3	60.6	60.6	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	
GE 500	41.4	58.6	60.3	60.9	61.3	61.3	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	
GE 450	41.4	58.6	60.3	60.9	61.3	61.3	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	
GE 400	42.7	62.6	64.2	64.9	65.2	65.2	65.2	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	
GE 350	44.7	64.9	66.6	67.2	67.5	67.5	67.5	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	
GE 300	46.7	66.9	68.5	69.2	69.5	69.5	69.5	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	
GE 250	57.0	73.5	75.2	75.8	76.2	76.5	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	
GE 200	52.0	76.2	78.5	79.1	79.5	79.8	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	
GE 180	53.3	78.1	80.5	81.1	81.5	81.8	81.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	
GE 150	54.0	80.6	83.1	84.4	85.1	85.4	85.4	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	
GE 120	57.3	87.1	90.4	92.4	93.0	93.4	93.7	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	
GE 100	57.9	90.4	93.7	96.0	96.7	97.0	97.4	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
GE 90	57.9	90.4	93.7	96.0	96.7	97.0	97.4	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
GE 80	58.3	90.7	94.0	96.7	97.4	97.7	98.0	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
GE 70	58.9	91.4	94.7	97.7	98.3	98.7	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 60	58.9	91.4	94.7	97.7	98.3	98.7	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 50	58.9	91.4	94.7	97.7	98.3	98.7	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 40	58.9	91.4	94.7	97.7	98.3	98.7	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 30	58.9	91.4	94.7	97.7	98.3	98.7	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 20	58.9	91.4	94.7	97.7	98.3	98.7	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 10	58.9	91.4	94.7	97.7	98.3	98.7	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 302

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: AUG HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	17.1	23.5	24.0	24.5	24.5	24.6	24.7	24.7	24.8	24.8	24.8	24.9	25.0	25.2	25.3	25.5
GE 20000	21.2	29.4	30.2	30.7	31.0	31.1	31.1	31.2	31.3	31.3	31.4	31.4	31.5	31.7	31.8	32.2
GE 18000	21.2	29.4	30.2	30.7	31.0	31.1	31.1	31.2	31.3	31.3	31.4	31.4	31.5	31.7	31.8	32.2
GE 16000	21.2	29.4	30.2	30.7	31.0	31.1	31.1	31.2	31.3	31.3	31.4	31.4	31.5	31.7	31.8	32.2
GE 14000	21.2	29.4	30.2	30.7	31.0	31.1	31.1	31.2	31.3	31.3	31.4	31.4	31.5	31.7	31.8	32.2
GE 12000	21.2	29.4	30.2	30.7	31.0	31.1	31.1	31.2	31.3	31.3	31.4	31.4	31.5	31.7	31.8	32.2
GE 10000	37.0	52.6	53.9	54.8	55.0	55.2	55.3	55.5	55.6	55.7	55.7	55.8	55.9	56.1	56.2	56.6
GE 9000	37.0	52.6	53.9	54.8	55.0	55.2	55.3	55.5	55.6	55.7	55.7	55.8	55.9	56.1	56.2	56.6
GE 8000	37.0	52.6	53.9	54.8	55.0	55.2	55.3	55.5	55.6	55.7	55.7	55.8	55.9	56.1	56.2	56.6
GE 7000	37.0	52.6	53.9	54.8	55.0	55.2	55.3	55.5	55.6	55.7	55.7	55.8	55.9	56.1	56.2	56.6
GE 6000	37.0	52.6	53.9	54.8	55.1	55.3	55.4	55.6	55.7	55.7	55.8	55.9	56.0	56.2	56.3	56.7
GE 5000	37.3	52.9	54.2	55.2	55.4	55.6	55.7	55.9	55.9	56.0	56.1	56.2	56.3	56.5	56.6	57.0
GE 4500	37.4	53.2	54.5	55.4	55.7	55.9	56.0	56.2	56.2	56.3	56.4	56.4	56.6	56.8	56.9	57.2
GE 4000	39.0	55.5	56.9	57.6	58.1	58.3	58.4	58.5	58.6	58.7	58.8	58.8	59.0	59.2	59.3	59.6
GE 3500	40.2	57.0	58.4	59.4	59.7	59.9	60.0	60.1	60.2	60.3	60.3	60.4	60.6	60.8	60.8	61.2
GE 3000	42.0	59.6	61.1	62.1	62.4	62.6	62.7	62.9	63.0	63.1	63.1	63.2	63.3	63.5	63.6	64.0
GE 2500	48.5	68.7	70.6	71.6	71.9	72.2	72.4	72.5	72.6	72.7	72.7	72.9	73.0	73.2	73.3	73.7
GE 2000	51.3	73.0	75.1	76.3	76.7	77.0	77.1	77.3	77.4	77.5	77.5	77.7	77.8	78.0	78.1	78.5
GE 1800	52.7	75.5	77.7	79.0	79.4	79.7	79.9	80.0	80.1	80.2	80.2	80.4	80.5	80.7	80.8	81.2
GE 1500	54.0	78.4	80.9	82.7	83.2	83.5	83.8	83.9	84.0	84.1	84.2	84.3	84.5	84.7	84.8	85.2
GE 1200	57.0	85.0	88.0	90.2	90.9	91.3	91.6	92.0	92.1	92.2	92.2	92.4	92.5	92.7	92.8	93.2
GE 1000	57.6	87.2	90.4	93.0	93.8	94.3	94.7	95.0	95.1	95.2	95.3	95.4	95.6	95.8	95.9	96.3
GE 900	57.7	87.8	91.0	93.6	94.3	94.8	95.3	95.6	95.7	95.8	95.9	96.0	96.1	96.4	96.4	96.9
GE 800	57.9	88.1	91.3	93.9	94.8	95.3	95.8	96.1	96.2	96.3	96.4	96.5	96.6	96.9	96.9	97.4
GE 700	58.1	88.7	91.9	94.8	95.7	96.2	96.7	97.1	97.2	97.3	97.4	97.5	97.7	97.9	97.9	98.4
GE 600	58.2	89.0	92.4	95.3	96.2	96.8	97.2	97.7	97.8	97.9	97.9	98.2	98.3	98.5	98.6	99.0
GE 500	58.2	89.1	92.4	95.3	96.3	96.9	97.3	97.7	97.9	98.0	98.0	98.2	98.4	98.6	98.7	99.1
GE 400	58.2	89.2	92.5	95.5	96.4	97.0	97.5	97.9	98.0	98.2	98.2	98.5	98.6	98.8	98.9	99.3
GE 300	58.2	89.2	92.5	95.5	96.4	97.0	97.5	97.9	98.0	98.2	98.2	98.5	98.6	98.8	98.9	99.3
GE 200	58.2	89.2	92.5	95.5	96.4	97.0	97.5	97.9	98.0	98.2	98.2	98.5	98.6	98.8	98.9	99.3
GE 100	58.2	89.2	92.5	95.5	96.4	97.0	97.5	97.9	98.0	98.2	98.2	98.5	98.6	98.8	98.9	99.3
GE 71	58.2	89.2	92.5	95.5	96.4	97.0	97.5	97.9	98.0	98.2	98.2	98.5	98.6	98.8	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 2368

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS (LST): 0000-0200

CEILING		VISIBILITY IN STATUTE MILES															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	10	6	5	4	3	2	1 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	18.6	26.7	26.7	27.7	28.4	26.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.8	29.5
GE 20000	22.4	26.6	28.6	29.8	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.9	31.6
GE 18000	20.4	28.8	28.6	29.8	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.9	31.6
GE 16000	20.4	28.8	28.8	29.8	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.9	31.6
GE 14000	20.4	28.8	28.8	29.8	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.9	31.6
GE 12000	20.4	28.8	28.8	29.8	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.9	31.6
GE 10000	35.8	51.2	51.9	54.0	54.7	54.7	54.7	54.7	54.7	55.4	55.4	55.4	55.4	55.4	55.4	55.8	56.5
GE 9000	35.8	51.2	51.9	54.0	54.7	54.7	54.7	54.7	54.7	55.4	55.4	55.4	55.4	55.4	55.4	55.8	56.5
GE 8000	35.8	51.2	51.9	54.0	54.7	54.7	54.7	54.7	54.7	55.4	55.4	55.4	55.4	55.4	55.4	55.8	56.5
GE 7000	35.8	51.2	51.9	54.0	54.7	54.7	54.7	54.7	54.7	55.4	55.4	55.4	55.4	55.4	55.4	55.8	56.5
GE 6000	35.8	51.2	51.9	54.0	54.7	54.7	54.7	54.7	54.7	55.4	55.4	55.4	55.4	55.4	55.4	55.8	56.5
GE 5000	36.1	51.9	52.6	54.7	55.4	55.4	55.4	55.4	55.4	56.1	56.1	56.1	56.1	56.1	56.1	56.5	57.2
GE 4500	36.5	52.3	53.0	55.1	55.8	55.8	55.8	55.8	55.8	56.8	56.8	56.8	56.8	56.8	56.8	57.2	57.9
GE 4000	37.2	52.3	54.0	56.1	56.8	56.8	56.8	56.8	56.8	57.9	57.9	57.9	57.9	57.9	57.9	58.2	58.9
GE 3500	38.6	55.8	56.5	58.6	59.3	59.3	59.3	59.3	59.3	60.4	60.4	60.4	60.4	60.4	60.4	60.7	61.4
GE 3000	40.0	57.9	58.6	60.7	61.4	61.4	61.4	61.4	61.4	62.5	62.5	62.5	62.5	62.5	62.5	62.8	63.5
GE 2500	42.5	63.2	64.2	66.3	67.0	67.0	67.0	67.0	67.0	68.1	68.1	68.1	68.1	68.1	68.1	68.4	69.1
GE 2000	44.2	67.0	68.1	70.2	70.9	70.9	70.9	70.9	70.9	71.9	71.9	71.9	71.9	71.9	71.9	72.3	73.0
GE 1800	45.3	68.8	70.2	72.6	73.3	73.3	73.3	73.3	73.3	74.4	74.4	74.4	74.4	74.4	74.4	74.7	75.4
GE 1500	47.4	74.4	75.8	78.6	79.3	79.3	79.3	79.3	79.3	80.4	80.4	80.4	80.4	80.4	80.4	80.7	81.4
GE 1200	49.8	81.8	83.5	87.4	88.1	88.1	88.1	88.1	88.1	89.1	89.5	89.5	89.5	89.5	89.5	89.8	90.5
GE 1000	50.5	86.3	88.4	92.6	93.7	93.7	94.0	94.0	94.0	95.1	95.4	95.4	95.4	95.4	95.4	95.8	96.5
GE 900	50.5	86.3	88.4	93.0	94.0	94.0	94.4	94.4	94.4	95.4	95.8	95.8	95.8	95.8	95.8	96.1	96.8
GE 800	50.5	86.3	88.8	93.3	94.4	94.4	94.7	94.7	94.7	95.8	96.1	96.1	96.1	96.1	96.1	96.5	97.2
GE 700	50.5	86.3	88.8	93.3	94.4	94.4	94.7	94.7	94.7	95.8	96.1	96.1	96.1	96.1	96.1	96.5	97.2
GE 600	50.5	86.3	89.1	93.7	94.7	94.7	95.1	95.1	95.1	96.1	96.5	96.5	96.5	96.5	96.5	96.8	97.5
GE 500	50.5	86.3	89.1	93.7	94.7	94.7	95.1	95.1	95.1	96.1	96.5	96.5	96.5	96.5	96.5	96.8	97.5
GE 400	51.5	87.0	89.8	94.4	95.4	95.4	95.8	95.8	95.8	96.8	97.5	97.5	97.5	97.5	97.5	97.9	98.6
GE 300	51.5	87.0	89.8	94.4	95.4	95.4	95.8	95.8	95.8	96.8	97.5	97.5	97.5	97.5	97.5	97.9	98.6
GE 200	51.5	87.0	89.8	94.4	95.4	95.4	95.8	95.8	95.8	96.8	97.5	97.5	97.5	97.5	97.5	98.2	98.9
GE 100	51.5	87.0	89.8	94.4	95.4	95.4	95.8	95.8	95.8	96.8	97.5	97.5	97.5	97.5	97.5	98.2	98.9
GE 0	51.5	87.0	89.8	94.4	95.4	95.4	95.8	95.8	95.8	96.8	97.5	97.5	97.5	97.5	97.5	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 285

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARK-HANGELSK USSR

PERIOD OF RECORD: 78-87

MONTH: SEP HOURS(IST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GL 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	14.7	20.0	21.1	21.1	21.4	21.4	21.4	21.4	21.8	22.1	22.1	22.1	22.1	23.2	23.9	24.2	24.6
GE 20000	17.5	21.2	24.2	24.2	24.6	24.6	24.6	24.6	24.9	25.3	25.3	25.3	25.3	26.3	27.0	27.4	27.7
GE 18000	17.5	21.2	24.2	24.2	24.6	24.6	24.6	24.6	24.9	25.3	25.3	25.3	25.3	26.3	27.0	27.4	27.7
GE 16000	17.5	21.2	24.2	24.2	24.6	24.6	24.6	24.6	24.9	25.3	25.3	25.3	25.3	26.3	27.0	27.4	27.7
GE 14000	17.5	21.2	24.2	24.2	24.6	24.6	24.6	24.6	24.9	25.3	25.3	25.3	25.3	26.3	27.0	27.4	27.7
GE 12000	17.5	21.2	24.2	24.2	24.6	24.6	24.6	24.6	24.9	25.3	25.3	25.3	25.3	26.3	27.0	27.4	27.7
GE 10000	33.7	46.7	47.7	48.1	49.1	49.1	49.1	49.1	49.5	49.8	49.8	49.8	49.8	50.9	51.6	51.9	52.3
GE 9000	33.7	46.7	47.7	48.1	49.1	49.1	49.1	49.1	49.5	49.8	49.8	49.8	49.8	50.9	51.6	51.9	52.3
GE 8000	33.7	46.7	47.7	48.1	49.1	49.1	49.1	49.1	49.5	49.8	49.8	49.8	49.8	50.9	51.6	51.9	52.3
GE 7000	33.7	46.7	47.7	48.1	49.1	49.1	49.1	49.1	49.5	49.8	49.8	49.8	49.8	50.9	51.6	51.9	52.3
GE 6000	33.7	46.7	47.7	48.1	49.1	49.1	49.1	49.1	49.5	49.8	49.8	49.8	49.8	50.9	51.6	51.9	52.3
GE 5000	34.0	47.0	48.1	48.4	49.5	49.5	49.5	49.5	49.8	50.2	50.2	50.2	50.2	51.2	51.9	52.3	52.6
GE 4500	34.7	47.7	48.8	49.1	50.2	50.2	50.2	50.5	51.2	51.2	51.2	51.2	51.2	52.3	53.0	53.3	53.7
GE 4000	35.8	48.5	50.5	50.9	51.9	51.9	51.9	52.3	53.0	53.0	53.0	53.0	53.0	54.0	54.7	55.1	55.4
GE 3500	36.8	51.6	52.6	53.0	54.0	54.0	54.0	54.4	55.1	55.1	55.1	55.1	55.1	56.1	56.8	57.2	57.5
GE 3000	36.8	52.6	53.7	54.0	55.1	55.1	55.1	55.4	56.1	56.1	56.1	56.1	56.1	57.2	57.9	58.2	58.6
GE 2500	39.3	57.9	58.9	59.3	60.4	60.4	60.4	60.7	61.4	61.4	61.4	61.4	61.4	62.5	63.2	63.5	63.9
GE 2000	41.1	62.5	63.5	64.2	65.3	65.3	65.3	66.0	66.7	66.7	66.7	66.7	66.7	67.7	68.4	68.8	69.1
GE 1800	42.1	64.6	66.0	66.7	67.7	67.7	67.7	68.4	69.1	69.1	69.1	69.1	69.1	70.2	70.9	71.2	71.6
GE 1600	44.6	65.1	70.9	72.6	73.7	73.7	73.7	74.4	75.1	75.1	75.1	75.1	75.1	76.1	76.8	77.2	77.5
GE 1200	47.0	77.2	79.3	83.2	84.6	84.6	84.6	85.3	86.0	86.0	86.0	86.0	86.0	87.0	87.7	88.1	88.4
GE 1000	47.7	80.7	82.8	86.7	88.4	88.4	88.4	89.1	89.8	89.8	89.8	89.8	89.8	90.9	91.6	91.9	92.3
GE 900	48.1	81.1	83.5	87.4	89.1	89.1	89.1	89.8	90.9	90.9	90.9	90.9	90.9	91.9	92.6	93.0	93.3
GE 800	48.1	81.4	83.9	87.7	89.5	89.5	89.5	90.2	91.2	91.2	91.2	91.2	91.2	92.3	93.0	93.3	93.7
GE 700	48.1	81.8	84.6	88.4	90.2	90.2	90.2	90.9	91.9	91.9	91.9	91.9	91.9	93.0	93.7	94.0	94.4
GE 600	48.1	82.5	85.3	89.5	91.2	91.2	91.2	92.3	93.7	93.7	93.7	93.7	93.7	94.7	95.4	95.8	96.1
GE 500	48.1	82.5	85.3	89.5	91.2	91.2	91.2	92.3	93.7	93.7	93.7	93.7	93.7	94.7	95.4	95.8	96.1
GE 400	48.1	82.5	85.6	89.8	91.6	91.6	91.6	92.6	94.0	94.0	94.0	94.0	94.0	95.1	95.8	96.1	96.5
GE 300	48.1	82.5	85.6	89.8	91.6	91.6	91.6	92.6	94.0	94.0	94.0	94.0	94.0	95.1	95.8	96.1	96.5
GE 200	48.1	82.5	85.6	89.8	91.6	91.6	91.6	92.6	94.0	94.0	94.0	94.0	94.0	95.8	97.5	97.9	98.2
GE 100	48.1	82.5	85.6	89.8	91.6	91.6	91.6	92.6	94.0	94.0	94.0	94.0	94.0	95.8	97.5	97.9	100.0
GE 0	48.1	82.5	85.6	89.8	91.6	91.6	91.6	92.6	94.0	94.0	94.0	94.0	94.0	95.8	97.5	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 285

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARK-HANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS (LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	12.0	16.5	16.5	16.5	16.9	16.9	16.9	16.9	16.9	17.3	17.3	17.6	18.0	18.0	16.7
GE 20000	13.4	19.0	19.0	19.4	19.7	19.7	19.7	19.7	19.7	20.1	20.1	20.4	20.8	20.8	21.8
GE 18000	13.4	19.0	19.0	19.4	19.7	19.7	19.7	19.7	19.7	20.1	20.1	20.4	20.8	20.8	21.8
GE 16000	13.4	19.0	19.0	19.4	19.7	19.7	19.7	19.7	19.7	20.1	20.1	20.4	20.8	20.8	21.8
GE 14000	13.4	19.0	19.0	19.4	19.7	19.7	19.7	19.7	19.7	20.1	20.1	20.4	20.8	20.8	21.8
GE 12000	13.4	19.0	19.0	19.4	19.7	19.7	19.7	19.7	19.7	20.1	20.1	20.4	20.8	20.8	21.8
GE 10000	26.1	40.8	41.5	43.0	44.7	44.7	44.7	45.1	45.1	45.4	45.4	46.1	46.5	46.5	47.5
GE 9000	26.1	40.8	41.5	43.3	45.1	45.1	45.1	45.1	45.1	45.4	45.4	46.1	46.5	46.5	47.9
GE 8000	26.1	40.8	41.5	43.3	45.1	45.1	45.1	45.1	45.1	45.4	45.4	46.1	46.5	46.5	47.9
GE 7000	26.1	40.8	41.5	43.3	45.1	45.1	45.1	45.1	45.1	45.4	45.4	46.1	46.5	46.5	47.9
GE 6000	26.1	40.8	41.5	43.3	45.1	45.1	45.1	45.1	45.1	45.4	45.4	46.1	46.5	46.5	47.9
GE 5000	26.1	40.8	41.5	43.3	45.1	45.1	45.1	45.1	45.1	45.4	45.4	46.1	46.5	46.5	47.9
GE 4500	26.4	41.2	42.3	44.0	45.8	45.8	45.8	45.8	46.1	46.1	46.5	46.5	47.2	47.5	48.6
GE 4000	28.2	44.4	45.4	47.2	48.9	48.9	48.9	48.9	49.3	49.3	49.6	49.6	50.4	50.7	51.8
GE 3500	28.9	45.8	46.8	48.6	50.4	50.4	50.4	50.7	50.7	51.1	51.1	51.8	52.1	52.1	53.2
GE 3000	29.6	47.2	48.2	50.0	51.8	51.8	51.8	52.1	52.1	52.5	52.5	53.2	53.5	53.5	54.6
GE 2500	31.0	50.0	51.4	53.5	55.3	55.3	55.6	55.6	56.0	56.0	56.3	56.3	57.0	57.4	58.5
GE 2000	33.5	56.0	57.7	60.6	62.3	62.3	62.7	62.7	63.0	63.0	63.4	63.4	64.1	64.4	65.5
GE 1800	33.8	57.7	59.5	62.7	64.4	64.4	64.8	64.8	65.1	65.1	65.5	65.5	66.2	66.5	67.6
GE 1500	36.3	61.6	63.7	66.9	68.7	68.7	69.0	69.0	69.4	69.4	69.7	69.7	70.4	70.8	71.8
GE 1200	38.7	67.3	70.4	74.3	76.1	76.4	77.1	77.1	77.5	77.8	78.2	78.2	78.9	79.2	80.3
GE 1000	39.1	70.4	74.6	79.9	82.0	82.4	83.5	83.5	84.2	84.9	85.2	85.2	85.9	86.3	87.3
GE 900	39.4	71.5	75.7	81.0	83.1	83.8	84.9	84.9	85.6	86.3	86.6	86.6	87.3	87.7	88.7
GE 800	39.4	71.8	76.8	82.0	84.2	84.9	85.9	86.3	87.0	87.7	88.0	88.0	88.7	89.1	90.1
GE 700	39.8	72.5	77.5	83.8	85.9	87.0	88.0	88.4	89.1	89.8	90.1	90.1	90.8	91.2	92.3
GE 600	39.8	73.2	78.5	85.6	87.7	88.7	89.8	90.1	90.8	91.5	91.9	91.9	92.6	93.0	94.0
GE 500	39.8	73.2	78.9	85.9	88.0	89.1	90.1	90.5	91.2	91.9	92.3	92.3	93.0	93.3	94.4
GE 400	39.8	73.2	78.9	85.9	88.0	89.1	90.1	90.5	91.2	91.9	92.3	92.3	93.0	93.3	94.4
GE 300	39.8	73.2	78.9	85.9	88.0	89.1	90.1	90.5	91.2	91.9	92.3	92.3	93.0	93.3	94.4
GE 200	39.8	73.2	78.9	85.9	88.0	89.1	90.1	90.5	91.2	91.9	92.3	92.3	93.0	93.3	94.4
GE 100	39.8	73.2	78.9	85.9	88.0	89.1	90.1	90.5	91.2	91.9	92.3	92.3	93.0	93.3	94.4
GE 0	39.8	73.2	78.9	85.9	88.0	89.1	90.1	90.5	91.2	91.9	92.3	92.3	93.0	93.3	94.4

TOTAL NUMBER OF OBSERVATIONS: 284

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS(IST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	11.4	14.8	16.6	16.6	16.6	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	17.2	17.2	17.2
GE 20000	13.4	17.6	19.3	19.3	19.3	19.7	19.7	20.0	20.0	20.0	20.0	20.0	20.0	20.3	20.3	20.3
GE 18000	13.4	17.6	19.3	19.3	19.3	19.7	19.7	20.0	20.0	20.0	20.0	20.0	20.0	20.3	20.3	20.3
GE 16000	13.4	17.6	19.3	19.3	19.3	19.7	19.7	20.0	20.0	20.0	20.0	20.0	20.0	20.3	20.3	20.3
GE 14000	13.4	17.6	19.3	19.3	19.3	19.7	19.7	20.0	20.0	20.0	20.0	20.0	20.0	20.3	20.3	20.3
GE 12000	13.4	17.6	19.3	19.3	19.3	19.7	19.7	20.0	20.0	20.0	20.0	20.0	20.0	20.3	20.3	20.3
GE 10000	26.9	40.0	43.8	44.8	45.2	45.5	45.5	46.2	46.2	46.2	46.2	46.2	46.2	46.6	46.9	46.9
GE 9000	26.9	40.0	43.8	44.8	45.2	45.5	45.5	46.2	46.2	46.2	46.2	46.2	46.2	46.6	46.9	46.9
GE 8000	26.9	40.0	43.8	44.8	45.2	45.5	45.5	46.2	46.2	46.2	46.2	46.2	46.2	46.6	46.9	46.9
GE 7000	26.9	40.0	43.8	44.8	45.2	45.5	45.5	46.2	46.2	46.2	46.2	46.2	46.2	46.6	46.9	46.9
GE 6000	26.9	40.0	43.8	44.8	45.2	45.5	45.5	46.2	46.2	46.2	46.2	46.2	46.2	46.6	46.9	46.9
GE 5000	27.2	40.3	44.1	45.2	45.5	45.9	45.9	46.6	46.6	46.6	46.6	46.6	46.6	46.9	47.2	47.2
GE 4500	27.2	40.3	44.1	45.2	45.5	45.9	45.9	46.6	46.6	46.6	46.6	46.6	46.6	46.9	47.2	47.2
GE 4000	27.9	41.4	45.2	46.2	46.6	46.9	46.9	47.6	47.6	47.6	47.6	47.6	47.6	47.9	48.3	48.3
GE 3500	29.0	43.1	46.9	47.9	48.3	48.6	48.6	49.3	49.3	49.3	49.3	49.3	49.3	49.7	50.0	50.0
GE 3000	31.0	45.2	49.0	50.0	50.3	50.7	50.7	51.4	51.4	51.4	51.4	51.4	51.4	51.7	52.1	52.1
GE 2500	33.1	49.0	52.8	53.8	54.1	54.5	54.5	55.2	55.2	55.2	55.2	55.2	55.2	55.5	55.9	55.9
GE 2000	35.2	52.4	57.2	58.6	59.3	59.7	59.7	60.3	60.3	60.3	60.3	60.3	60.3	60.7	61.0	61.0
GE 1800	36.2	55.5	59.3	60.7	61.4	61.7	61.7	62.4	62.4	62.4	62.4	62.4	62.4	62.8	63.1	63.1
GE 1500	37.6	60.0	63.8	65.2	65.9	66.2	66.2	66.9	66.9	66.9	66.9	66.9	66.9	67.2	67.6	67.6
GE 1200	40.7	67.9	72.4	76.6	77.2	77.6	77.6	78.6	78.6	79.0	79.0	79.0	79.0	79.3	79.7	79.7
GE 1000	42.1	71.4	76.6	81.7	82.4	83.1	83.4	84.1	84.1	84.5	84.5	84.5	84.5	85.2	85.5	85.5
GE 900	42.1	73.1	78.6	84.1	85.2	85.9	86.2	86.9	86.9	87.2	87.2	87.2	87.2	87.9	88.3	88.3
GE 800	42.1	73.1	78.6	84.8	86.2	86.9	87.6	88.3	88.3	88.6	88.6	88.6	88.6	89.3	89.7	89.7
GE 700	42.4	73.4	79.3	85.9	87.2	87.9	88.6	89.3	89.7	90.0	90.0	90.0	90.0	91.0	91.4	91.4
GE 600	42.4	73.4	79.7	86.6	87.9	88.6	89.3	90.0	90.3	90.7	90.7	90.7	90.7	92.1	92.4	92.4
GE 500	42.8	74.5	80.7	87.9	89.3	90.0	90.7	91.7	92.1	92.4	92.4	92.4	92.4	93.8	94.1	94.1
GE 400	42.8	75.5	81.7	89.0	90.7	91.7	92.4	93.8	94.1	94.5	94.5	94.8	94.8	96.2	96.6	96.6
GE 300	42.8	75.5	81.7	89.0	90.7	91.7	92.4	93.8	94.1	94.5	94.8	94.8	94.8	96.6	96.9	96.9
GE 200	42.8	75.5	81.7	89.0	90.7	91.7	92.4	93.8	94.1	94.5	94.8	94.8	94.8	96.6	97.2	97.6
GE 100	42.8	75.5	81.7	89.0	90.7	91.7	92.4	93.8	94.1	94.5	94.8	94.8	94.8	96.6	97.2	97.6
GE 0	42.8	75.5	81.7	89.0	90.7	91.7	92.4	93.8	94.1	94.5	94.8	94.8	94.8	96.6	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 290

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	11.3	12.8	12.8	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
GE 20000	14.5	17.4	17.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
GE 18000	14.5	17.4	17.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
GE 16000	14.5	17.4	17.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
GE 14000	14.5	17.4	17.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
GE 12000	14.5	17.4	17.4	18.4	18.4	16.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
GE 10000	31.6	42.6	42.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 9000	31.6	42.6	42.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 8000	31.6	42.6	42.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 7000	31.6	42.6	42.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 6000	31.6	42.6	42.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 5000	31.9	42.9	43.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE 4500	32.3	43.3	43.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
GE 4000	35.1	46.1	46.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 3500	35.1	46.5	46.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
GE 3000	36.5	48.2	48.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 2500	42.9	57.8	58.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 2000	48.6	64.9	65.2	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 1800	50.7	68.4	68.8	70.2	70.2	70.2	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 1500	52.5	71.0	74.1	75.5	75.5	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 1200	55.7	81.9	83.3	87.2	87.2	87.2	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 1000	56.0	84.0	86.2	90.6	91.5	91.5	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.6	92.6	92.6
GE 900	56.4	84.4	87.2	92.2	92.9	92.9	93.3	93.6	93.6	93.6	93.6	93.6	94.0	94.3	94.3	94.3
GE 800	56.7	85.1	88.3	93.3	95.0	95.0	95.4	95.7	95.7	96.1	96.1	96.1	96.5	96.8	96.8	96.8
GE 700	56.7	85.5	88.7	93.6	95.4	95.4	95.7	96.1	96.5	96.8	96.8	96.8	97.2	97.5	97.5	97.5
GE 600	56.7	85.8	89.0	94.0	95.7	96.1	96.5	96.8	97.2	97.5	97.5	97.5	97.9	98.2	98.2	98.2
GE 500	56.7	85.8	89.0	94.0	95.7	96.1	96.5	96.8	97.2	97.5	97.5	97.5	97.9	98.2	98.2	98.2
GE 400	56.7	85.8	89.0	94.3	96.1	96.5	96.8	97.5	97.9	98.2	98.2	98.2	98.6	98.9	98.9	98.9
GE 300	56.7	85.8	89.0	94.3	96.1	96.5	96.8	97.9	98.2	98.6	98.6	98.6	98.9	99.3	99.3	99.3
GE 200	56.7	85.8	89.0	94.3	96.1	96.5	96.8	97.9	98.2	98.6	98.6	98.6	98.9	99.6	99.6	99.6
GE 100	56.7	85.8	89.0	94.3	96.1	96.5	96.8	97.9	98.2	98.6	98.6	98.6	98.9	100.0	100.0	100.0
GE 0	56.7	85.8	89.0	94.3	96.1	96.5	96.8	97.9	98.2	98.6	98.6	98.6	98.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 282

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	12.4	15.8	15.8	15.8	15.8	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2
GE 20000	14.4	18.9	19.2	19.6	19.6	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
GE 18000	14.4	18.9	19.2	19.6	19.6	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
GE 16000	14.4	18.9	19.2	19.6	19.6	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
GE 14000	14.4	18.9	19.2	19.6	19.6	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
GE 12000	14.4	18.9	19.2	19.6	19.6	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
GE 10000	28.5	40.2	41.2	41.9	42.3	42.6	42.6	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 9000	28.5	40.2	41.2	41.9	42.3	42.6	42.6	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 8000	28.5	40.2	41.2	41.9	42.3	42.6	42.6	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 7000	28.5	40.2	41.2	41.9	42.3	42.6	42.6	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 6000	28.5	40.2	41.2	41.9	42.3	42.6	42.6	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 5000	29.5	40.2	41.2	41.9	42.3	42.6	42.6	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 4500	29.9	42.3	43.3	44.0	44.3	44.7	44.7	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
GE 4000	32.3	45.7	46.7	47.8	48.1	48.5	48.5	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 3500	34.7	48.5	49.5	50.5	50.9	51.2	51.2	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 3000	38.1	52.9	54.0	55.0	55.3	55.7	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 2500	48.1	66.3	67.7	69.1	69.4	70.1	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 2000	52.6	74.2	75.6	77.3	77.7	78.4	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 1800	53.3	75.6	77.3	79.0	79.4	80.4	80.4	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 1500	54.3	79.7	81.4	83.8	84.5	85.6	85.6	85.9	85.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 1200	56.7	84.9	87.6	90.7	91.8	92.8	92.8	93.1	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.8
GE 1000	57.0	86.3	89.3	93.1	94.5	95.5	95.5	95.9	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.9
GE 900	57.0	86.3	89.3	93.8	95.2	96.2	96.2	96.6	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.6
GE 800	57.0	86.3	89.3	93.8	95.2	96.2	96.2	96.6	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.6
GE 700	57.0	86.6	90.0	94.5	96.2	97.3	97.6	98.3	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.3
GE 600	57.0	86.6	90.0	94.8	96.6	97.6	97.9	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.7
GE 500	57.0	86.6	90.0	94.8	96.9	97.9	98.3	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 400	57.0	86.6	90.0	94.8	96.9	97.9	98.3	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 300	57.0	86.6	90.0	94.8	96.9	97.9	98.3	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 200	57.0	86.6	90.0	94.8	96.9	97.9	98.3	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 100	57.0	86.6	90.0	94.8	96.9	97.9	98.3	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 0	57.0	86.6	90.0	94.8	96.9	97.9	98.3	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 291

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	15.3	15.4	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
GE 20000	19.4	24.7	25.0	25.3	25.3	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
GE 18000	19.4	24.7	25.0	25.3	25.3	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
GE 16000	19.4	24.7	25.0	25.3	25.3	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
GE 14000	19.4	24.7	25.0	25.3	25.3	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
GE 12000	19.4	24.7	25.0	25.3	25.3	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
GE 10000	35.4	47.6	48.6	49.3	49.3	49.7	49.7	49.7	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 9000	35.4	47.6	48.6	49.3	49.3	49.7	49.7	49.7	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 8000	35.4	47.6	48.6	49.3	49.3	49.7	49.7	49.7	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 7000	35.4	47.6	48.6	49.3	49.3	49.7	50.0	50.0	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 6000	35.4	47.6	48.6	49.3	49.3	49.7	50.0	50.0	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 5000	35.1	48.6	49.7	50.3	50.3	50.7	51.0	51.0	51.0	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 4500	38.5	51.0	52.1	52.4	52.8	53.1	53.5	53.5	53.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 4000	39.2	52.8	53.8	54.5	54.5	54.9	55.2	55.2	55.2	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 3500	41.7	55.9	56.9	57.6	57.6	58.0	58.3	58.3	58.3	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 3000	45.5	61.1	62.5	63.5	63.5	63.9	64.2	64.2	64.2	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 2500	50.0	68.4	69.8	70.8	70.8	71.2	71.5	71.5	71.5	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 2000	52.1	74.0	75.3	76.7	76.7	77.1	77.4	77.4	77.4	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 1800	52.8	76.0	77.4	78.8	78.8	79.5	79.9	79.9	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 1600	53.5	75.2	80.6	82.6	82.6	83.3	83.7	83.7	83.7	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 1200	56.3	85.4	88.5	91.3	91.3	92.0	92.7	92.7	92.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1000	57.6	88.5	91.7	94.8	94.8	96.2	96.9	96.9	96.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 900	57.6	88.5	91.7	94.8	94.8	96.2	96.9	97.2	97.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	57.6	88.5	92.0	95.1	95.1	96.5	97.2	97.6	97.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 700	57.6	88.5	92.0	95.1	95.1	96.5	97.2	97.6	97.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 600	57.6	88.9	92.4	95.5	95.5	96.9	97.9	98.3	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	57.6	88.9	92.4	95.5	95.5	96.9	97.9	98.3	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 400	57.6	88.9	92.4	95.8	95.8	97.2	98.3	98.6	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	57.6	88.9	92.4	95.8	95.8	97.2	98.3	98.6	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	57.6	88.9	92.4	95.8	95.8	97.2	98.3	98.6	98.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE 100	57.6	88.9	92.4	95.8	95.8	97.2	98.3	98.6	98.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE 0	57.6	88.9	92.4	95.8	95.8	97.2	98.3	98.6	98.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 288

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS(LST): 2100-2300

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		10	6	5	4	3	2	1 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4
																	0
NO CEIL		20.6	28.0	28.0	28.0	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
GE 20000	22.3	30.1	30.1	30.1	30.1	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
GE 18000	22.3	30.1	30.1	30.1	30.1	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
GE 16000	22.3	30.1	30.1	30.1	30.1	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
GE 14000	22.3	30.1	30.1	30.1	30.1	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
GE 12000	22.3	30.1	30.1	30.1	30.1	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
GE 10000	34.5	50.0	52.0	53.4	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 9000	34.5	50.0	52.0	53.4	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 8000	34.5	50.0	52.0	53.4	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 7000	34.5	50.0	52.0	53.4	53.7	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 6000	34.5	50.0	52.0	53.4	53.7	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 5000	35.5	51.4	53.4	54.7	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 4500	36.1	52.4	55.4	56.8	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 4000	36.8	55.4	57.4	58.8	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 3500	37.8	56.8	58.8	60.1	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 3000	38.5	59.1	61.1	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 2500	42.9	67.2	69.3	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 2000	43.6	69.3	71.6	73.6	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 1800	43.6	69.3	72.0	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 1600	45.6	74.3	77.7	79.7	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 1400	45.6	82.1	86.1	88.9	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 1000	51.4	86.5	90.9	93.9	94.6	94.9	95.3	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 900	51.4	87.2	91.6	94.6	95.3	95.6	95.9	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 800	51.4	87.5	92.6	95.6	96.3	96.6	97.0	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 700	51.4	87.5	92.6	95.9	96.3	96.6	97.0	97.3	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 600	51.4	87.5	92.6	95.9	96.3	96.6	97.0	97.3	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 500	51.4	87.5	92.9	96.3	97.0	97.3	97.6	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 400	51.4	87.5	92.9	96.3	97.0	97.6	98.0	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 300	51.4	87.5	92.9	96.3	97.0	97.6	98.0	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 200	51.4	87.5	92.9	96.3	97.0	97.6	98.0	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 100	51.4	87.5	92.9	96.3	97.0	97.6	98.0	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 0	51.4	87.5	92.9	96.3	97.0	97.6	98.0	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS: 296

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: SEP HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	14.6	19.3	19.7	19.9	20.1	20.2	20.2	20.2	20.3	20.3	20.3	20.3	20.5	20.6	20.7	20.9
GE 20000	16.9	22.5	22.9	23.3	23.5	23.6	23.6	23.7	23.8	23.8	23.8	23.8	24.0	24.2	24.3	24.5
GE 18000	16.9	22.5	22.9	23.3	23.5	23.6	23.6	23.7	23.8	23.8	23.8	23.8	24.0	24.2	24.3	24.5
GE 16000	16.9	22.5	22.9	23.3	23.5	23.6	23.6	23.7	23.8	23.8	23.8	23.8	24.0	24.2	24.3	24.5
GE 14000	16.9	22.5	22.9	23.3	23.5	23.6	23.6	23.7	23.8	23.8	23.8	23.9	24.0	24.2	24.3	24.5
GE 12000	16.9	22.5	22.9	23.3	23.5	23.6	23.6	23.7	23.8	23.8	23.8	23.9	24.0	24.2	24.3	24.5
GE 10000	31.6	44.9	46.2	47.3	47.9	48.0	48.0	48.2	48.4	48.4	48.5	48.5	48.7	48.9	49.0	49.2
GE 9000	31.6	44.9	46.2	47.4	47.9	48.1	48.1	48.2	48.4	48.5	48.5	48.5	48.8	48.9	49.0	49.3
GE 8000	31.6	44.9	46.2	47.4	47.9	48.1	48.1	48.2	48.4	48.5	48.5	48.5	48.8	48.9	49.0	49.3
GE 7000	31.6	44.9	46.3	47.4	48.0	48.1	48.2	48.3	48.5	48.5	48.6	48.6	48.8	49.0	49.1	49.4
GE 6000	31.6	44.9	46.3	47.4	48.0	48.1	48.2	48.3	48.5	48.5	48.6	48.6	48.8	49.0	49.1	49.4
GE 5000	31.9	45.4	46.8	47.9	48.5	48.6	48.6	48.8	49.0	49.0	49.1	49.1	49.3	49.5	49.6	49.8
GE 4500	32.7	46.5	47.8	49.0	49.5	49.7	49.7	49.9	50.2	50.2	50.2	50.2	50.5	50.7	50.8	51.0
GE 4000	34.1	48.6	50.0	51.2	51.7	51.8	51.9	52.1	52.4	52.4	52.5	52.5	52.7	52.9	53.0	53.2
GE 3500	35.3	50.5	51.9	53.1	53.6	53.8	53.8	54.0	54.3	54.3	54.4	54.4	54.6	54.8	54.9	55.1
GE 3000	37.0	51.1	54.5	55.7	56.3	56.4	56.5	56.6	56.9	57.0	57.0	57.0	57.3	57.5	57.5	57.8
GE 2500	41.2	60.0	61.6	63.0	63.5	63.7	63.8	64.0	64.3	64.3	64.4	64.4	64.6	64.8	64.9	65.1
GE 2000	43.9	65.2	66.8	68.5	69.1	69.3	69.4	69.6	69.9	70.0	70.0	70.0	70.3	70.4	70.5	70.8
GE 1800	44.7	67.0	68.8	70.6	71.2	71.5	71.6	71.8	72.1	72.2	72.2	72.2	72.5	72.7	72.8	73.0
GE 1500	46.5	71.4	73.5	75.7	76.3	76.6	76.7	76.9	77.2	77.4	77.4	77.4	77.7	77.8	77.9	78.2
GE 1200	49.2	78.6	81.4	85.0	85.7	86.0	86.3	86.6	86.9	87.2	87.3	87.3	87.5	87.7	87.8	88.1
GE 1000	50.2	81.8	85.1	89.2	90.3	90.7	91.1	91.4	91.8	92.2	92.2	92.2	92.6	92.7	92.8	93.1
GE 900	50.3	82.3	85.8	90.1	91.2	91.7	92.1	92.5	92.9	93.3	93.3	93.3	93.7	93.9	94.0	94.3
GE 800	50.4	82.5	86.3	90.7	92.0	92.5	93.0	93.4	93.8	94.2	94.2	94.2	94.6	94.8	94.9	95.2
GE 700	50.5	82.8	86.7	91.4	92.7	93.2	93.7	94.1	94.7	95.0	95.1	95.1	95.5	95.7	95.8	96.1
GE 600	50.5	83.1	87.1	92.0	93.3	93.9	94.4	94.9	95.4	95.8	95.9	95.9	96.3	96.5	96.6	96.9
GE 500	50.5	83.2	87.3	92.2	93.6	94.2	94.7	95.2	95.8	96.2	96.2	96.2	96.7	96.9	97.0	97.3
GE 400	50.5	83.4	87.6	92.6	94.0	94.7	95.2	95.8	96.4	96.8	96.9	96.9	97.3	97.6	97.7	98.0
GE 300	50.5	83.4	87.6	92.6	94.0	94.7	95.2	95.9	96.4	96.9	97.0	97.0	97.4	97.6	97.7	98.0
GE 200	50.5	83.4	87.6	92.6	94.0	94.7	95.2	95.9	96.4	96.9	97.0	97.0	97.7	98.2	98.3	98.6
GE 100	50.5	83.4	87.6	92.6	94.0	94.7	95.2	95.9	96.4	96.9	97.0	97.0	97.7	98.4	98.7	99.7
GE 0	50.5	83.4	87.6	92.6	94.0	94.7	95.2	95.9	96.4	96.9	97.0	97.0	97.7	98.4	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 2301

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARK-ANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(IST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	14.2	17.9	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
GE 20000	16.2	19.2	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
GE 18000	16.2	19.2	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
GE 16000	16.2	19.2	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
GE 14000	16.2	19.2	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
GE 12000	16.2	19.2	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
GE 10000	25.8	35.4	36.4	36.4	36.4	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
GE 9000	25.8	35.4	36.4	36.4	36.4	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
GE 8000	25.8	35.4	36.4	36.4	36.4	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
GE 7000	26.1	35.7	36.8	36.8	36.8	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
GE 6000	26.1	36.1	37.1	37.1	37.1	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
GE 5000	26.8	36.8	37.8	37.8	37.8	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
GE 4500	26.8	37.5	38.5	38.8	38.8	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
GE 4000	27.8	38.5	39.5	39.9	39.9	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
GE 3500	28.9	39.5	40.5	40.9	40.9	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
GE 3000	30.2	42.3	43.6	44.0	44.0	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE 2500	34.7	48.8	50.2	50.5	50.5	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 2000	37.1	53.3	54.6	56.0	56.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 1800	37.8	55.0	56.4	58.1	58.1	58.4	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 1600	39.5	62.2	63.6	67.4	67.4	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 1400	42.3	65.1	71.1	76.6	78.4	79.7	80.1	80.1	80.1	80.1	80.1	80.1	80.4	80.4	80.4	80.4
GE 1200	43.6	73.2	75.6	82.5	84.5	87.3	87.6	87.6	87.6	87.6	87.6	87.6	88.0	88.3	88.3	88.3
GE 1000	44.0	74.2	77.0	84.9	86.9	90.0	90.4	90.7	90.7	90.7	91.1	91.1	91.4	91.8	91.8	91.8
GE 900	44.0	74.6	77.3	85.6	88.0	91.1	91.4	91.8	91.8	91.8	92.1	92.1	92.4	92.8	92.8	92.8
GE 800	44.7	75.3	78.4	86.6	89.3	92.4	92.8	93.5	93.8	93.8	94.2	94.2	94.5	94.8	94.8	94.8
GE 700	45.0	76.6	79.7	88.3	91.1	94.5	94.8	95.9	96.2	96.2	96.6	96.6	96.9	97.3	97.3	97.3
GE 600	45.0	76.6	79.7	88.3	91.1	94.5	94.8	95.9	96.2	96.2	96.6	96.6	96.9	97.3	97.3	97.3
GE 500	45.0	76.6	79.7	88.3	91.1	94.5	94.8	95.9	96.2	96.2	96.6	96.6	96.9	97.3	97.3	97.3
GE 400	45.0	76.6	79.7	88.3	91.1	94.5	94.8	95.9	96.2	96.2	96.6	96.6	96.9	97.3	97.3	97.3
GE 300	45.0	76.6	79.7	88.3	91.1	94.5	94.8	95.9	96.2	96.2	96.6	96.6	96.9	97.3	97.3	97.3
GE 200	45.0	76.6	79.7	88.3	91.1	94.5	94.8	95.9	96.2	96.2	96.6	96.6	96.9	97.3	97.3	97.3
GE 100	45.0	76.6	79.7	88.3	91.1	94.5	94.8	95.9	96.2	96.2	96.6	96.6	96.9	97.3	97.3	97.3
GE 0	45.0	76.6	79.7	88.3	91.1	94.5	94.8	95.9	96.2	96.2	96.6	96.6	96.9	97.3	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 291

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 22550C STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS (LST): 0300-0500

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET		GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		14.3	17.6	18.3	18.3	19.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.6	18.6	18.6	18.6
GE 20000		15.6	19.6	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.6	20.6	20.6	20.6
GE 18000		15.6	19.6	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.6	20.6	20.6	20.6
GE 16000		15.6	19.6	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.6	20.6	20.6	20.6
GE 14000		15.6	19.6	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.6	20.6	20.6	20.6
GE 12000		15.6	19.6	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.6	20.6	20.6	20.6
GE 10000		23.6	31.9	31.9	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.9	32.9	32.9	32.9
GE 9000		23.6	31.9	31.9	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.9	32.9	32.9	32.9
GE 8000		23.6	31.9	31.9	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.9	32.9	32.9	32.9
GE 7000		23.9	31.2	32.2	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	33.2	33.2	33.2	33.2
GE 6000		23.9	31.2	32.2	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	33.2	33.2	33.2	33.2
GE 5000		23.9	31.6	32.6	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.6	33.6	33.6	33.6
GE 4500		23.9	31.6	32.6	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.6	33.6	33.6	33.6
GE 4000		24.9	32.2	34.2	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	35.2	35.2	35.2	35.2
GE 3500		25.6	34.6	35.5	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.5	36.5	36.5	36.5
GE 3000		27.6	37.2	38.5	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.5	39.5	39.5	39.5
GE 2500		29.9	40.9	42.2	42.9	42.9	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.5	43.5	43.5	43.5
GE 2000		33.2	45.5	47.2	48.2	48.2	48.5	48.8	48.8	48.8	48.8	48.8	48.8	49.2	49.2	49.2	49.2
GE 1800		34.6	47.5	49.5	50.5	50.5	51.2	51.8	52.2	52.2	52.2	52.2	52.2	52.5	52.5	52.5	52.5
GE 1500		38.9	55.1	57.8	60.8	61.1	62.5	63.1	63.5	63.5	63.5	63.5	63.5	63.8	63.8	63.8	63.8
GE 1200		41.2	64.1	68.1	73.4	75.4	77.7	78.7	79.4	79.4	79.4	79.4	79.4	79.7	79.7	79.7	79.7
GE 1000		41.9	67.6	72.4	78.4	81.1	83.7	85.0	85.7	85.7	85.7	85.7	85.7	86.0	86.0	86.0	86.0
GE 900		42.2	68.1	72.8	79.4	82.1	85.0	86.7	87.7	87.7	87.7	87.7	87.7	88.0	88.0	88.0	88.0
GE 800		42.5	72.1	75.1	82.1	84.7	88.0	89.7	90.7	90.7	90.7	90.7	90.7	91.0	91.0	91.0	91.0
GE 700		42.9	70.4	75.7	83.1	85.7	89.7	91.4	92.4	92.7	93.0	93.4	93.4	94.0	94.0	94.0	94.0
GE 600		43.2	72.4	77.7	85.0	88.0	92.7	94.4	95.3	95.7	96.0	96.3	96.3	97.0	97.0	97.0	97.0
GE 500		43.2	72.4	77.7	85.0	88.0	92.7	94.4	95.3	95.7	96.0	96.7	96.7	97.3	97.3	97.3	97.3
GE 400		43.2	72.4	77.7	85.0	88.0	92.7	94.4	95.3	95.7	96.0	96.7	97.0	97.7	97.7	97.7	97.7
GE 300		43.2	72.4	77.7	85.0	88.0	92.7	94.4	95.3	95.7	96.0	96.7	97.0	97.7	97.7	97.7	97.7
GE 200		43.2	72.4	77.7	85.0	88.0	92.7	94.4	95.3	95.7	96.0	96.7	97.0	98.0	99.0	99.0	99.0
GE 100		43.2	72.4	77.7	85.0	88.0	92.7	94.4	95.3	95.7	96.0	96.7	97.0	98.0	99.0	99.0	99.3
GE 0		43.2	72.4	78.1	85.4	88.4	93.0	94.7	95.7	96.0	96.3	97.0	97.3	98.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 301

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(IST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	11.0	13.7	14.7	14.7	14.7	14.7	14.7	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
GE 20000	13.3	16.7	17.7	18.0	18.0	18.0	18.0	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
GE 18000	13.3	16.7	17.7	18.0	18.0	18.0	18.0	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
GE 16000	13.3	16.7	17.7	18.0	18.0	18.0	18.0	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
GE 14000	13.3	16.7	17.7	18.0	18.0	18.0	18.0	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
GE 12000	13.3	16.7	17.7	18.0	18.0	18.0	18.0	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
GE 10000	16.3	24.0	26.0	27.7	28.0	28.7	28.7	29.3	29.3	29.3	29.3	29.3	29.3	29.7	29.7	29.7
GE 9000	16.3	24.0	26.0	27.7	28.0	28.7	28.7	29.3	29.3	29.3	29.3	29.3	29.3	29.7	29.7	29.7
GE 8000	16.3	24.0	26.0	27.7	28.0	28.7	28.7	29.3	29.3	29.3	29.3	29.3	29.3	29.7	29.7	29.7
GE 7000	16.3	24.0	26.0	27.7	28.0	28.7	28.7	29.3	29.3	29.3	29.3	29.3	29.3	29.7	29.7	29.7
GE 6000	16.3	24.0	26.0	27.7	28.3	29.0	29.0	29.7	29.7	29.7	29.7	29.7	29.7	30.0	30.0	30.0
GE 5000	16.7	24.3	26.3	28.0	28.7	29.3	29.3	30.0	30.0	30.0	30.0	30.0	30.0	30.3	30.3	30.3
GE 4500	16.7	24.7	26.7	28.3	29.0	29.7	29.7	30.3	30.7	30.7	30.7	30.7	30.7	31.0	31.0	31.0
GE 4000	17.7	26.0	28.3	30.3	31.0	31.7	31.7	32.3	32.7	32.7	32.7	32.7	32.7	33.0	33.0	33.0
GE 3500	19.0	28.0	30.3	32.3	33.0	33.7	33.7	34.3	34.7	34.7	34.7	34.7	34.7	35.0	35.0	35.0
GE 3000	20.0	30.0	32.7	34.7	35.3	36.0	36.0	36.7	37.3	37.3	37.3	37.3	37.3	37.7	37.7	37.7
GE 2500	22.3	35.0	38.0	40.0	40.7	41.3	41.3	42.0	42.7	42.7	42.7	42.7	42.7	43.0	43.0	43.0
GE 2000	26.3	40.7	44.0	46.3	47.0	47.7	47.7	48.3	49.3	49.3	49.3	49.3	49.3	49.7	49.7	49.7
GE 1800	28.7	44.0	47.7	50.0	50.7	51.3	51.3	52.0	53.0	53.0	53.0	53.0	53.0	53.3	53.3	53.3
GE 1500	31.3	51.3	55.7	59.0	59.7	60.3	60.7	61.3	62.3	62.7	62.7	62.7	62.7	63.0	63.0	63.0
GE 1200	35.7	61.3	67.3	73.7	76.0	77.0	77.7	78.3	79.7	80.3	80.3	80.3	80.3	80.7	80.7	81.0
GE 1000	37.3	65.0	71.7	79.3	81.7	83.3	84.3	85.0	86.3	87.0	87.0	87.0	87.0	87.3	87.3	87.7
GE 900	37.7	65.7	72.3	80.3	82.7	84.3	85.3	86.3	87.7	88.3	88.3	88.3	88.3	88.7	88.7	89.0
GE 800	38.0	66.3	73.0	81.3	84.0	85.7	87.3	88.7	90.0	91.0	91.0	91.0	91.0	91.3	91.3	91.7
GE 700	38.7	67.7	75.0	83.3	86.0	87.7	89.3	91.0	92.3	93.3	93.3	93.3	93.3	93.7	93.7	94.0
GE 600	38.7	67.7	75.3	84.0	87.0	88.7	90.3	92.3	93.7	94.7	94.7	94.7	94.7	95.0	95.0	95.3
GE 500	38.7	67.7	75.3	84.3	87.3	89.3	91.0	93.0	94.3	95.3	95.3	95.3	95.3	95.7	95.7	96.0
GE 400	39.7	68.0	75.7	84.7	87.7	89.7	91.3	93.3	94.7	95.7	95.7	95.7	95.7	96.0	96.0	96.3
GE 300	39.0	68.3	76.0	85.3	88.3	90.3	92.0	94.0	95.3	96.3	96.3	96.3	96.3	96.7	96.7	97.0
GE 200	39.0	68.3	76.0	85.3	88.3	90.3	92.0	94.0	95.3	96.3	96.3	96.3	96.3	97.0	97.0	98.0
GE 100	39.0	68.3	76.0	85.3	88.3	90.3	92.0	94.0	95.3	96.3	96.3	96.3	96.3	97.0	98.0	99.7
GE 0	39.0	68.3	76.0	85.3	88.3	90.3	92.0	94.0	95.3	96.3	96.3	96.3	96.3	97.0	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 300

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	9.5	10.6	11.3	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
GE 20000	12.4	15.3	16.4	17.9	18.6	18.6	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
GE 18000	12.4	15.3	16.4	17.9	18.6	18.6	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
GE 16000	12.4	15.3	16.4	17.9	18.6	18.6	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
GE 14000	12.4	15.3	16.4	17.9	18.6	18.6	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
GE 12000	12.4	15.3	16.4	17.9	18.6	18.6	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
GE 10000	20.1	28.1	30.3	32.8	33.9	35.0	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
GE 9000	20.1	28.1	30.3	32.8	33.9	35.0	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
GE 8000	20.1	28.1	30.3	32.8	33.9	35.0	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
GE 7000	20.1	28.1	30.3	32.8	33.9	35.0	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
GE 6000	20.1	28.1	30.3	32.8	33.9	35.0	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
GE 5000	20.4	28.5	30.7	33.2	34.3	35.4	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
GE 4500	20.4	28.5	30.7	33.2	34.3	35.4	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
GE 4000	21.5	29.9	32.1	34.7	35.8	36.9	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 3500	21.9	30.7	32.8	35.4	36.5	37.6	38.0	38.0	38.0	38.0	38.3	38.3	38.3	38.3	38.3
GE 3000	23.0	32.6	35.0	36.3	39.4	40.5	40.9	40.9	40.9	40.9	41.2	41.2	41.2	41.2	41.2
GE 2500	25.9	37.2	39.4	42.3	43.4	44.5	44.9	44.9	44.9	44.9	45.3	45.3	45.3	45.3	45.3
GE 2000	28.8	44.9	47.4	50.7	51.8	52.9	53.3	53.3	53.3	53.3	53.6	53.6	53.6	53.6	53.6
GE 1800	29.2	46.0	48.5	51.8	52.9	54.4	54.7	54.7	54.7	54.7	55.1	55.1	55.1	55.1	55.1
GE 1500	30.7	50.7	53.6	57.3	58.4	59.9	60.2	60.2	60.2	60.2	60.6	60.6	60.6	60.6	60.6
GE 1200	33.9	59.1	63.5	70.1	71.5	73.4	74.5	74.5	74.5	74.5	74.8	74.8	74.8	74.8	74.8
GE 1000	34.7	62.4	67.9	76.6	79.6	81.8	83.2	83.6	83.6	84.3	84.7	84.7	84.7	84.7	84.7
GE 900	34.7	63.1	69.0	77.7	80.7	82.8	84.7	85.4	85.4	86.1	86.5	86.5	86.5	86.5	86.5
GE 800	34.7	63.1	69.3	79.2	82.1	84.3	86.1	87.6	87.6	88.3	88.7	88.7	89.1	89.1	89.1
GE 700	34.7	63.5	70.1	79.9	82.8	85.4	87.2	88.7	88.7	89.4	89.8	89.8	90.5	90.5	90.5
GE 600	34.7	63.9	71.2	81.0	84.7	87.2	89.1	90.5	90.5	91.2	91.6	91.6	92.3	92.3	92.3
GE 500	34.7	64.2	71.5	81.4	85.4	88.0	89.8	91.2	91.2	92.3	92.7	92.7	93.4	93.4	93.4
GE 400	34.7	64.6	71.9	81.8	85.8	88.3	90.1	92.0	92.0	93.1	93.4	93.4	94.2	94.2	94.2
GE 300	35.0	65.3	72.6	82.5	86.5	89.1	90.9	92.7	92.7	93.8	94.2	94.2	94.9	94.9	94.9
GE 200	35.0	65.3	72.6	82.5	86.5	89.1	90.9	92.7	92.7	93.8	94.2	94.2	95.3	95.3	95.3
GE 100	35.0	65.3	72.6	82.5	86.5	89.1	90.9	92.7	92.7	93.8	94.5	94.5	95.6	95.6	95.6
GE 0	35.0	65.3	72.6	82.5	86.5	89.1	90.9	92.7	92.7	93.8	94.5	94.5	95.6	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 274

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM POORLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARK-HANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(IST): 1200-1400

CEILING IN FEET		VISIBILITY IN STATUTE MILES															
		GE 10	GE 6	GE 5	GE 4	GE 3	2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		9.2	11.0	11.3	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
GE 20000		13.7	17.1	18.2	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
GE 18000		13.7	17.1	18.2	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
GE 16000		13.7	17.1	18.2	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
GE 14000		13.7	17.1	18.2	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
GE 12000		13.7	17.1	18.2	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
GE 10000		20.9	25.1	30.1	31.8	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
GE 9000		20.9	25.1	30.1	31.8	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
GE 8000		20.9	25.1	30.1	31.8	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
GE 7000		20.9	25.1	30.1	31.8	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
GE 6000		20.9	25.1	30.1	31.8	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
GE 5000		20.9	25.1	30.1	31.8	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
GE 4500		20.9	25.1	30.1	31.8	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
GE 4000		21.2	25.5	30.5	32.2	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
GE 3500		21.9	30.5	31.5	33.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
GE 3000		23.6	32.5	33.6	35.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
GE 2500		29.5	40.4	41.4	43.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 2000		32.9	45.5	46.9	49.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 1800		34.2	48.6	50.3	53.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 1500		37.7	55.1	56.8	61.3	62.7	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 1200		40.4	64.4	66.6	72.6	74.7	75.3	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 1000		41.4	68.8	71.2	78.1	81.2	81.8	82.5	82.9	83.2	83.6	83.9	83.9	84.2	84.2	84.2	84.2
GE 900		41.4	69.9	72.3	79.5	82.5	83.9	84.6	85.3	85.6	86.3	87.0	87.0	87.3	87.3	87.3	87.3
GE 800		42.5	71.6	74.3	82.2	86.0	87.3	88.0	89.0	89.7	90.4	91.1	91.1	91.4	91.4	91.4	91.4
GE 700		43.2	72.3	75.3	83.2	87.0	88.4	89.4	91.1	92.1	92.8	93.8	93.8	94.2	94.2	94.2	94.2
GE 600		43.2	72.9	76.0	83.9	89.0	89.7	90.8	92.8	93.8	94.5	95.5	95.5	96.2	96.2	96.2	96.2
GE 500		43.2	72.9	76.4	84.6	89.7	90.8	91.8	93.8	94.9	96.2	97.3	97.3	97.9	97.9	97.9	97.9
GE 400		43.2	72.9	76.4	84.9	89.0	91.1	92.1	94.2	95.2	96.6	97.6	97.6	98.3	98.3	98.3	98.3
GE 300		43.2	72.9	76.4	84.9	89.0	91.4	92.5	94.5	95.5	96.9	97.9	97.9	98.6	98.6	98.6	98.6
GE 200		43.2	72.9	76.4	84.9	89.0	91.4	92.5	94.5	95.5	96.9	97.9	97.9	99.0	99.0	99.0	99.0
GE 100		43.2	72.9	76.4	84.9	89.0	91.4	92.5	94.5	95.5	96.9	97.9	97.9	99.0	99.3	99.7	99.7
GE 0		43.2	72.9	76.4	84.9	89.0	91.4	92.5	94.5	95.5	96.9	97.9	97.9	99.0	99.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 292

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	17.4	12.8	13.1	13.1	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4
GE 20000	12.8	16.1	16.8	16.8	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
GE 18000	12.8	16.1	16.8	16.8	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
GE 16000	12.8	16.1	16.8	16.8	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
GE 14000	12.8	16.1	16.8	16.8	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
GE 12000	12.8	16.1	16.8	16.8	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
GE 10000	24.2	33.2	34.2	34.9	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	36.2
GE 9000	24.2	33.2	34.2	34.9	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	36.2
GE 8000	24.2	33.2	34.2	34.9	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	36.2
GE 7000	24.2	33.2	34.2	34.9	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	36.2
GE 6000	24.2	33.2	34.2	34.9	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	36.2
GE 5000	24.5	33.9	34.9	35.6	36.2	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.9
GE 4500	24.5	34.2	35.2	35.9	36.6	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	37.2
GE 4000	26.2	36.2	37.2	37.9	38.6	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	39.3
GE 3500	27.5	37.9	38.9	39.6	40.3	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.9
GE 3000	32.9	41.6	43.6	43.6	44.3	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	45.0
GE 2500	34.6	47.0	48.7	49.3	50.3	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	51.0
GE 2000	27.2	51.7	54.0	55.0	56.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.7
GE 1800	43.3	56.0	58.4	59.7	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.7
GE 1600	47.6	61.1	64.4	65.6	68.1	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.5
GE 1400	46.0	65.1	73.2	75.5	78.5	79.2	79.9	79.9	80.2	80.2	80.2	80.2	80.2	80.9	80.9	81.2
GE 1200	47.0	72.5	76.5	80.2	83.9	84.9	85.6	85.9	86.2	86.2	86.2	86.2	86.2	86.9	86.9	87.2
GE 1000	47.0	73.2	77.5	81.2	85.2	86.6	87.2	87.6	88.3	88.6	88.6	88.6	88.6	89.3	89.3	89.6
GE 900	47.0	74.2	78.5	83.2	87.6	89.3	90.3	90.9	91.6	92.7	92.3	92.3	92.3	93.0	93.0	93.3
GE 800	47.0	74.8	79.2	84.6	89.9	91.6	92.6	93.3	94.0	95.0	95.6	95.6	95.6	96.3	96.3	96.6
GE 700	47.0	74.8	79.2	84.6	89.9	91.6	92.6	93.3	94.0	95.0	95.6	95.6	95.6	96.3	96.3	96.6
GE 600	47.3	75.5	79.9	85.6	91.3	92.0	94.0	94.6	95.6	97.0	97.7	97.7	97.7	98.7	98.7	99.0
GE 500	47.3	75.5	79.9	85.6	91.6	93.3	94.3	95.0	96.0	97.3	98.0	98.3	98.3	99.3	99.3	99.7
GE 400	47.3	75.5	79.9	85.6	91.6	93.3	94.3	95.0	96.0	97.3	98.0	98.3	98.3	99.3	99.3	99.7
GE 300	47.3	75.5	79.9	85.6	91.6	93.3	94.3	95.0	96.0	97.3	98.0	98.3	98.3	99.3	99.3	100.0
GE 200	47.3	75.5	79.9	85.6	91.6	93.3	94.3	95.0	96.0	97.3	98.0	98.3	98.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 298

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225000 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(IST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	11.3	15.1	15.1	15.5	15.5	15.8	15.8	15.8	15.8	16.2	16.2	16.2	16.2	16.2	16.2	16.2
GE 20000	12.4	16.5	16.5	16.8	16.8	17.2	17.2	17.2	17.2	17.5	17.5	17.5	17.5	17.5	17.5	17.5
GE 18000	12.4	16.5	16.5	16.8	16.8	17.2	17.2	17.2	17.2	17.5	17.5	17.5	17.5	17.5	17.5	17.5
GE 16000	12.4	16.5	16.5	16.8	16.8	17.2	17.2	17.2	17.2	17.5	17.5	17.5	17.5	17.5	17.5	17.5
GE 14000	12.4	16.5	16.5	16.8	16.8	17.2	17.2	17.2	17.2	17.5	17.5	17.5	17.5	17.5	17.5	17.5
GE 12000	12.4	16.5	16.5	16.8	16.8	17.2	17.2	17.2	17.2	17.5	17.5	17.5	17.5	17.5	17.5	17.5
GE 10000	15.2	27.1	28.2	28.9	28.9	29.6	29.6	29.6	29.6	29.9	29.9	29.9	29.9	29.9	29.9	29.9
GE 9000	14.2	27.1	28.2	28.9	28.9	29.6	29.6	29.6	29.6	29.9	29.9	29.9	29.9	29.9	29.9	29.9
GE 8000	14.2	27.1	28.2	28.9	28.9	29.6	29.6	29.6	29.6	29.9	29.9	29.9	29.9	29.9	29.9	29.9
GE 7000	14.2	27.1	28.2	28.9	28.9	29.6	29.6	29.6	29.6	29.9	29.9	29.9	29.9	29.9	29.9	29.9
GE 6000	14.2	27.1	28.2	28.9	28.9	29.6	29.6	29.6	29.6	29.9	29.9	29.9	29.9	29.9	29.9	29.9
GE 5000	16.9	28.2	29.2	29.9	29.9	30.6	30.6	30.6	30.6	30.9	30.9	30.9	30.9	30.9	30.9	30.9
GE 4500	17.6	28.9	29.9	30.6	30.6	31.3	31.3	31.3	31.3	31.6	31.6	31.6	31.6	31.6	31.6	31.6
GE 4000	21.3	30.9	32.0	32.6	32.6	33.3	33.3	33.3	33.3	33.7	33.7	33.7	33.7	33.7	33.7	33.7
GE 3500	22.3	32.0	33.0	33.7	33.7	34.4	34.4	34.4	34.4	34.7	34.7	34.7	34.7	34.7	34.7	34.7
GE 3000	23.7	34.4	35.4	36.1	36.1	36.8	36.8	36.8	36.8	37.1	37.1	37.1	37.1	37.1	37.1	37.1
GE 2500	26.5	40.5	41.6	42.6	42.6	43.3	43.3	43.3	43.3	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 2000	31.6	51.2	52.9	54.0	54.0	55.0	55.0	55.0	55.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 1800	33.0	54.0	56.0	57.0	57.0	58.1	58.1	58.1	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 1500	37.1	63.6	67.0	69.1	69.1	70.1	70.1	70.1	70.1	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 1200	38.8	68.0	72.5	77.3	77.3	79.0	79.0	79.0	79.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 1000	39.9	71.5	76.6	82.1	82.1	85.9	85.9	87.3	87.3	88.7	88.7	89.0	89.0	89.3	89.3	89.3
GE 900	40.2	72.2	77.3	82.8	83.5	87.3	88.7	89.0	89.0	90.4	90.4	91.1	91.1	91.4	91.4	91.4
GE 800	40.2	72.5	78.4	83.8	84.5	88.3	89.7	90.0	90.4	91.8	92.4	92.4	92.4	92.8	92.8	92.8
GE 700	40.2	74.2	80.1	86.6	87.6	91.6	93.1	93.5	93.8	95.2	95.9	96.2	96.2	96.9	96.9	96.9
GE 600	40.5	74.9	80.8	87.3	88.3	92.8	94.2	94.8	95.2	96.6	97.6	97.9	98.6	98.6	98.6	98.6
GE 500	47.5	74.9	80.8	87.3	88.3	92.8	94.2	94.8	95.2	96.6	97.6	97.9	98.6	99.0	99.0	99.0
GE 400	47.5	74.9	80.8	87.3	88.3	92.8	94.2	94.8	95.2	96.6	97.6	97.9	98.6	99.0	99.0	99.0
GE 300	47.5	74.9	80.8	87.3	88.3	92.8	94.2	94.8	95.2	96.6	97.6	97.9	98.6	99.0	99.0	99.0
GE 200	47.5	74.9	80.8	87.3	88.3	92.8	94.2	94.8	95.2	96.6	97.6	97.9	98.6	99.0	99.0	99.0
GE 100	47.5	74.9	80.8	87.3	88.3	92.8	94.2	94.8	95.2	96.6	97.6	97.9	98.6	100.0	100.0	100.0
GE	47.5	74.9	80.8	87.3	88.3	92.8	94.2	94.8	95.2	96.6	97.6	97.9	98.6	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 291

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS (LST): 2100-2300

CEILING			VISIBILITY IN STATUTE MILES														
IN FEET	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	13.5	18.2	18.2	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	
GE 20000	13.9	18.5	18.8	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	
GE 18000	13.9	18.5	18.8	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	
GE 16000	13.9	18.5	18.8	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	
GE 14000	13.9	18.5	18.8	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	
GE 12000	13.9	18.5	18.8	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	
GE 10000	23.1	31.7	32.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	
GE 9000	23.1	31.7	32.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	
GE 8000	23.1	31.7	32.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	
GE 7000	23.4	32.0	32.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	
GE 6000	23.4	32.0	32.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	
GE 5000	23.8	32.3	33.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	
GE 4500	24.1	32.0	33.7	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	
GE 4000	24.8	34.3	35.0	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	37.0	37.0	37.0	37.0	
GE 3500	25.7	35.6	36.3	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.3	38.3	38.3	38.3	
GE 3000	27.7	38.9	39.6	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.6	41.6	41.6	41.6	41.6	
GE 2500	30.7	44.6	45.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.5	47.5	47.5	47.5	47.5	
GE 2000	34.3	50.8	52.5	54.8	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.8	55.8	55.8	55.8	55.8	
GE 1800	35.0	54.8	56.4	59.4	59.7	60.1	60.1	60.1	60.1	60.1	60.1	60.4	60.4	60.4	60.4	60.4	
GE 1500	36.6	62.7	64.4	68.3	68.6	69.3	69.3	69.3	69.3	69.3	69.3	69.6	69.6	69.6	69.6	69.6	
GE 1200	38.9	71.9	74.9	80.2	81.2	81.6	82.5	82.8	82.8	82.8	82.8	83.2	83.2	83.2	83.2	83.2	
GE 1000	40.3	75.2	78.9	85.5	87.1	88.8	89.8	90.4	90.4	90.4	90.4	90.8	90.8	90.8	90.8	90.8	
GE 900	40.6	75.9	79.9	86.6	88.8	90.4	91.4	92.7	93.4	93.4	93.4	93.7	93.7	93.7	93.7	93.7	
GE 800	40.9	76.2	80.2	87.1	89.1	90.8	91.7	93.4	94.1	94.1	94.1	94.4	94.4	94.4	94.4	94.4	
GE 700	40.9	77.2	81.2	88.1	90.1	91.7	92.7	94.4	95.4	95.4	95.4	95.7	95.7	95.7	95.7	95.7	
GE 600	40.9	77.2	81.5	88.4	90.4	92.1	93.1	94.7	95.7	95.7	96.4	96.7	96.7	96.7	96.7	96.7	
GE 500	40.9	77.2	81.5	89.1	91.1	92.7	93.7	95.4	96.4	96.4	97.0	97.4	97.4	97.4	97.4	97.4	
GE 400	40.9	77.6	81.8	89.4	91.4	93.1	94.1	95.7	96.7	96.7	97.4	97.7	97.7	97.7	97.7	97.7	
GE 300	40.9	77.6	81.8	89.8	92.1	93.7	94.7	96.4	97.4	97.4	98.0	98.3	98.3	98.3	98.3	98.3	
GE 200	40.9	77.6	81.8	89.8	92.1	93.7	94.7	96.4	97.4	97.4	98.0	98.3	99.0	99.0	99.0	99.0	
GE 100	40.9	77.6	81.8	89.8	92.1	93.7	94.7	96.4	97.4	97.4	98.0	98.3	99.0	99.0	100.0	100.0	
GE 0	40.9	77.6	81.8	89.8	92.1	93.7	94.7	96.4	97.4	97.4	98.0	98.3	99.0	99.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 303

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS (LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11	GE 12	GE 13	GE 14	GE 15	GE 16
NO CEIL	11.8	14.6	15.1	15.3	15.3	15.4	15.4	15.4	15.4	15.4	15.5	15.5	15.5	15.5	15.5	15.5
GE 20000	13.8	17.4	18.0	18.4	18.6	18.6	18.7	18.8	18.8	18.8	18.8	18.8	18.8	18.9	18.9	18.9
GE 18000	13.8	17.4	18.0	18.4	18.6	18.6	18.7	18.8	18.8	18.8	18.8	18.8	18.8	18.9	18.9	18.9
GE 16000	13.8	17.4	18.0	18.4	18.6	18.6	18.7	18.8	18.8	18.8	18.8	18.8	18.8	18.9	18.9	18.9
GE 14000	13.8	17.4	18.0	18.4	18.6	18.6	18.7	18.8	18.8	18.8	18.8	18.8	18.8	18.9	18.9	18.9
GE 12000	13.8	17.4	18.0	18.4	18.6	18.6	18.7	18.8	18.8	18.8	18.8	18.8	18.8	18.9	18.9	18.9
GE 10000	21.5	30.0	31.2	32.3	32.6	33.0	33.1	33.1	33.1	33.1	33.2	33.2	33.2	33.3	33.3	33.3
GE 9000	21.5	30.0	31.2	32.3	32.6	33.0	33.1	33.1	33.1	33.1	33.2	33.2	33.2	33.3	33.3	33.3
GE 8000	21.5	30.0	31.2	32.3	32.6	33.0	33.1	33.1	33.1	33.1	33.2	33.2	33.2	33.3	33.3	33.3
GE 7000	21.7	30.1	31.3	32.4	32.8	33.1	33.2	33.3	33.3	33.3	33.3	33.3	33.3	33.4	33.4	33.4
GE 6000	21.7	30.1	31.4	32.5	32.9	33.2	33.3	33.4	33.4	33.4	33.4	33.4	33.4	33.5	33.5	33.5
GE 5000	22.0	30.6	31.6	32.9	33.3	33.7	33.7	33.8	33.8	33.9	33.9	33.9	33.9	34.0	34.0	34.0
GE 4500	22.1	30.9	32.2	33.4	33.7	34.1	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.4	34.4	34.5
GE 4000	23.2	32.3	33.6	34.9	35.3	35.7	35.7	35.8	35.8	35.9	35.9	35.9	35.9	36.0	36.0	36.0
GE 3500	24.1	33.6	34.9	36.2	36.6	37.0	37.0	37.1	37.1	37.2	37.2	37.2	37.3	37.4	37.4	37.4
GE 3000	25.9	36.3	37.8	39.1	39.5	39.9	39.9	40.0	40.1	40.1	40.2	40.2	40.3	40.3	40.3	40.3
GE 2500	29.3	41.6	43.4	44.9	45.3	45.7	45.8	45.9	46.0	46.0	46.0	46.1	46.1	46.2	46.2	46.2
GE 2000	32.7	46.0	50.0	51.6	52.3	52.8	52.9	53.0	53.1	53.1	53.2	53.2	53.3	53.3	53.3	53.4
GE 1800	34.1	50.8	52.9	55.0	55.5	56.1	56.3	56.4	56.6	56.6	56.6	56.7	56.8	56.8	56.8	56.8
GE 1500	37.0	57.9	60.5	63.7	64.4	65.2	65.5	65.7	65.8	65.9	65.9	66.0	66.0	66.0	66.0	66.1
GE 1200	39.7	66.0	69.7	75.0	76.7	78.0	78.6	78.9	79.1	79.2	79.2	79.3	79.5	79.5	79.6	79.6
GE 1000	40.8	69.6	73.9	80.4	82.8	84.7	85.7	86.1	86.3	86.7	86.9	86.9	87.2	87.2	87.3	87.3
GE 900	41.0	70.3	74.8	81.6	84.1	86.3	87.4	88.1	88.5	89.0	89.2	89.3	89.6	89.6	89.7	89.7
GE 800	41.3	71.1	75.6	83.1	85.8	88.1	89.3	90.3	90.8	91.3	91.6	91.6	92.0	92.0	92.0	92.1
GE 700	41.6	72.0	76.9	84.5	87.4	89.9	91.1	92.3	92.9	93.5	94.0	94.0	94.5	94.6	94.6	94.6
GE 600	41.7	72.6	77.7	85.4	88.6	91.3	92.5	93.8	94.5	95.2	95.7	95.8	96.4	96.4	96.5	96.5
GE 500	41.7	72.8	77.9	85.7	88.9	91.7	93.0	94.3	95.0	95.6	96.4	96.5	97.0	97.1	97.1	97.2
GE 400	41.7	72.9	78.0	86.0	89.1	92.0	93.2	94.6	95.2	96.0	96.7	96.9	97.4	97.5	97.6	97.6
GE 300	41.8	73.0	78.2	86.2	89.4	92.3	93.5	94.9	95.6	96.4	97.0	97.2	97.8	97.9	98.0	98.0
GE 200	41.8	73.0	78.2	86.2	89.4	92.3	93.5	94.9	95.6	96.4	97.0	97.2	97.8	97.9	98.0	98.0
GE 100	41.8	73.0	78.2	86.2	89.4	92.3	93.5	94.9	95.6	96.4	97.1	97.2	98.1	98.1	98.4	98.7
GE 0	41.8	73.0	78.2	86.2	89.4	92.3	93.5	94.9	95.6	96.4	97.1	97.3	98.1	98.1	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 2350

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(IST): 0000-0200

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	1	7.6	11.1	11.6	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
GE 20000	1	8.3	12.1	12.8	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
GE 18000	1	8.3	12.1	12.8	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
GE 16000	1	8.3	12.1	12.8	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
GE 14000	1	8.3	12.1	12.8	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
GE 12000	1	8.3	12.1	12.8	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
GE 10000	1	11.1	17.3	18.0	19.7	19.7	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
GE 9000	1	11.1	17.3	18.0	19.7	19.7	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
GE 8000	1	11.1	17.3	18.0	19.7	19.7	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
GE 7000	1	11.1	17.3	18.0	19.7	19.7	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
GE 6000	1	11.1	17.3	18.0	19.7	19.7	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
GE 5000	1	11.1	17.3	18.0	19.7	19.7	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
GE 4500	1	11.4	17.6	18.3	20.1	20.1	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
GE 4000	1	12.5	18.7	19.4	21.1	21.1	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8
GE 3500	1	13.1	19.4	20.1	21.8	21.8	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
GE 3000	1	14.5	20.8	21.5	23.2	23.2	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
GE 2500	1	18.0	24.9	26.0	27.7	27.7	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
GE 2000	1	22.8	32.5	34.9	36.7	36.7	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
GE 1800	1	24.6	36.3	39.1	41.5	41.5	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 1600	1	28.0	41.3	46.4	49.1	50.2	50.9	50.9	51.2	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 1200	1	30.1	55.7	60.2	65.4	68.5	70.2	70.6	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 1000	1	31.1	63.0	68.2	74.7	78.5	80.6	81.0	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 900	1	31.1	65.1	70.2	77.2	81.7	83.7	84.4	85.8	86.2	86.2	86.2	86.2	86.5	86.5	86.5	86.5
GE 800	1	31.5	65.7	71.6	79.6	84.4	86.5	87.5	88.9	89.3	89.3	89.3	89.3	89.6	89.6	89.6	89.6
GE 700	1	31.5	67.1	73.4	82.7	87.9	90.3	91.3	92.7	93.1	93.4	93.4	93.8	94.1	94.1	94.1	94.1
GE 600	1	31.5	67.5	74.0	84.1	89.6	92.4	93.4	94.8	95.2	95.5	95.8	95.8	96.2	96.5	96.5	96.5
GE 500	1	31.8	67.8	74.4	84.4	90.0	92.7	93.8	95.2	95.8	96.2	96.5	96.5	96.9	97.2	97.2	97.2
GE 400	1	31.8	67.8	74.4	84.8	90.3	93.4	94.5	95.8	96.5	97.0	97.2	97.6	97.9	98.3	98.3	98.3
GE 300	1	31.8	68.2	75.1	85.5	91.0	94.1	95.2	96.5	97.2	97.6	97.9	98.3	98.6	99.0	99.0	99.0
GE 200	1	31.8	68.2	75.1	85.5	91.0	94.1	95.2	96.5	97.2	97.6	97.9	98.3	99.0	99.7	99.7	99.7
GE 100	1	31.8	68.2	75.1	85.5	91.0	94.1	95.2	96.5	97.2	97.6	97.9	98.3	99.0	100.0	100.0	100.0
GE 0	1	31.8	68.2	75.1	85.5	91.0	94.1	95.2	96.5	97.2	97.6	97.9	98.3	99.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 269

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(IST): 0300-0500

CEILING IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE C
NO CEIL	8.3	12.6	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2
GE 20000	9.7	11.9	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
GE 18000	8.7	11.9	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
GE 16000	8.7	11.9	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
GE 14000	8.7	11.9	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
GE 12000	8.7	11.9	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
GE 10000	12.2	20.1	20.8	20.8	20.8	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
GE 9000	12.2	20.1	20.8	20.8	20.8	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
GE 8000	12.2	20.1	20.8	20.8	20.8	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
GE 7000	12.2	20.1	20.8	20.8	20.8	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
GE 6000	12.2	20.1	20.8	20.8	20.8	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
GE 5000	12.2	20.1	20.8	20.8	20.8	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
GE 4500	12.2	20.1	20.8	20.8	20.8	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
GE 4000	12.2	20.1	20.8	20.8	20.8	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
GE 3500	11.9	22.2	22.9	22.9	22.9	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6
GE 3000	14.6	24.0	24.7	25.0	25.0	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
GE 2500	16.7	26.7	27.4	27.8	27.8	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5
GE 2000	21.9	35.4	36.1	37.5	37.5	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
GE 1800	22.9	37.5	38.5	40.3	40.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
GE 1600	27.8	46.5	48.3	51.4	52.1	53.1	53.1	53.1	53.1	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 1200	30.9	56.3	61.5	68.1	69.8	71.5	71.5	71.9	71.9	72.6	72.6	72.6	72.6	72.6	72.6	72.9
GE 1000	32.3	61.2	69.4	75.0	77.1	78.8	79.2	80.2	80.6	81.3	81.3	81.3	81.6	81.6	81.6	81.9
GE 900	31.0	66.7	71.9	79.5	81.6	84.0	85.1	87.5	87.8	88.9	88.9	88.9	89.2	89.2	89.2	89.6
GE 800	33.0	67.4	72.9	80.6	83.0	85.4	86.5	88.9	89.6	90.6	90.6	90.6	91.0	91.0	91.0	91.3
GE 700	27.0	68.1	74.0	83.0	85.8	88.2	89.2	91.7	92.4	93.4	93.4	93.4	94.1	94.4	94.4	94.8
GE 600	37.0	69.6	74.7	84.0	86.8	89.2	90.3	92.7	93.4	95.1	95.5	95.6	96.2	96.2	96.2	96.5
GE 500	33.0	68.8	74.7	84.4	87.8	90.3	91.3	94.1	95.1	95.9	97.6	97.9	98.3	98.3	98.3	98.6
GE 400	37.0	68.6	74.7	84.4	88.2	90.6	91.7	94.4	95.5	97.2	97.9	98.3	98.6	98.6	98.6	99.0
GE 300	33.0	68.6	74.7	84.4	88.2	90.6	91.7	94.4	95.5	97.6	98.3	98.6	99.0	99.0	99.0	99.3
GE 200	37.0	68.8	74.7	84.4	88.2	90.6	91.7	94.4	95.5	97.6	98.3	98.6	99.3	99.7	99.7	100.0
GE 100	33.0	68.8	74.7	84.4	88.2	90.6	91.7	94.4	95.5	97.6	98.3	98.6	99.3	99.7	99.7	100.0
GE C	33.0	68.6	74.7	84.4	88.2	90.6	91.7	94.4	95.5	97.6	98.3	98.6	99.3	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 288

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86

MONTH: NOV HOURS(IST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	6.6	10.0	10.0	10.0	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
GE 20000	9.7	12.5	12.5	12.8	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
GE 18000	9.7	12.5	12.5	12.8	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
GE 16000	9.7	12.5	12.5	12.8	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
GE 14000	9.7	12.5	12.5	12.8	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
GE 12000	9.7	12.5	12.5	12.8	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
GE 10000	10.4	17.0	17.6	18.7	19.0	19.0	19.0	19.0	19.0	19.0	19.4	19.4	19.4	19.4	19.4	19.4
GE 9000	10.4	17.0	17.6	18.7	19.0	19.0	19.0	19.0	19.0	19.0	19.4	19.4	19.4	19.4	19.4	19.4
GE 8000	10.4	17.0	17.6	18.7	19.0	19.0	19.0	19.0	19.0	19.0	19.4	19.4	19.4	19.4	19.4	19.4
GE 7000	10.4	17.0	17.6	18.7	19.0	19.0	19.0	19.0	19.0	19.0	19.4	19.4	19.4	19.4	19.4	19.4
GE 6000	10.4	17.0	17.6	18.7	19.0	19.0	19.0	19.0	19.0	19.0	19.4	19.4	19.4	19.4	19.4	19.4
GE 5000	13.4	17.3	19.0	19.0	19.4	19.4	19.4	19.4	19.4	19.4	19.7	19.7	19.7	19.7	19.7	19.7
GE 4500	15.7	18.0	18.7	19.7	20.1	20.1	20.1	20.1	20.1	20.1	20.4	20.4	20.4	20.4	20.4	20.4
GE 4000	15.7	18.3	19.0	20.1	20.4	20.8	20.8	20.8	20.8	20.8	21.1	21.1	21.1	21.1	21.1	21.1
GE 3500	11.4	19.4	20.1	21.1	21.5	21.8	21.8	21.8	21.8	21.8	22.1	22.1	22.1	22.1	22.1	22.1
GE 3000	12.1	20.4	21.5	22.5	22.8	23.2	23.2	23.2	23.2	23.2	23.5	23.5	23.5	23.5	23.5	23.5
GE 2500	14.5	25.3	26.0	27.3	27.7	28.0	28.0	28.0	28.0	28.0	28.4	28.4	28.4	28.4	28.4	28.4
GE 2000	17.6	33.2	34.3	36.0	36.3	36.7	36.7	36.7	36.7	36.7	37.0	37.0	37.0	37.0	37.0	37.0
GE 1800	19.7	37.4	38.4	40.8	41.2	41.9	41.9	41.9	41.9	41.9	42.2	42.2	42.2	42.2	42.2	42.2
GE 1600	23.5	45.7	47.8	51.2	52.2	52.9	52.9	52.9	52.9	52.9	53.3	53.3	53.3	53.3	53.3	53.3
GE 1400	25.3	57.6	61.6	66.4	68.2	70.2	70.9	70.9	70.9	70.9	71.6	71.6	71.6	72.0	72.0	72.0
GE 1200	27.3	64.0	68.9	75.8	77.9	80.6	82.0	82.7	83.0	83.7	83.7	83.7	84.4	84.4	84.4	84.4
GE 1000	27.3	66.1	71.3	78.2	80.3	83.4	85.1	86.5	87.5	88.6	89.6	89.6	89.6	89.3	89.3	89.3
GE 900	27.3	66.1	71.6	78.9	81.0	84.1	85.8	87.2	88.2	90.0	90.0	90.0	90.7	90.7	90.7	91.0
GE 800	27.3	67.5	74.4	83.0	85.1	88.2	90.0	91.3	92.4	94.1	94.1	94.1	94.8	94.8	94.8	95.2
GE 700	27.3	69.5	75.4	84.4	86.9	90.7	92.4	93.8	94.8	96.5	96.5	96.5	97.2	97.2	97.2	97.6
GE 500	27.3	68.5	75.4	84.8	87.5	91.3	93.1	94.5	95.5	97.2	97.2	97.2	97.9	97.9	97.9	98.3
GE 400	27.3	68.5	75.4	84.8	87.5	91.7	93.4	94.8	95.8	97.6	97.6	97.6	98.3	98.3	98.3	98.6
GE 300	27.3	68.5	75.4	84.8	87.5	91.7	93.4	94.8	95.8	97.6	97.6	97.6	98.3	98.3	98.3	98.6
GE 200	27.3	68.5	75.4	84.8	87.5	91.7	93.4	94.8	95.8	97.6	97.6	97.6	98.3	98.3	98.3	98.6
GE 100	27.3	68.5	75.4	84.8	87.5	91.7	93.4	94.8	95.8	97.6	97.6	97.6	98.3	98.3	98.3	98.6
GE 0	27.3	68.5	75.4	84.8	87.5	91.7	93.4	94.8	95.8	97.6	97.6	97.6	98.3	98.3	98.3	98.6

TOTAL NUMBER OF OBSERVATIONS: 289

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-84
MONTH: NOV HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	5.2	8.2	8.6	8.6	9.6	6.6	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
GE 20000	7.9	12.0	12.4	12.7	12.7	12.7	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
GE 18000	7.9	12.0	12.4	12.7	12.7	12.7	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
GE 16000	7.9	12.0	12.4	12.7	12.7	12.7	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
GE 14000	7.9	12.0	12.4	12.7	12.7	12.7	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
GE 12000	7.9	12.0	12.4	12.7	12.7	12.7	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
GE 10000	12.0	15.9	20.2	21.3	21.7	21.7	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
GE 9000	12.0	15.9	20.2	21.3	21.7	21.7	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
GE 8000	12.0	15.9	20.2	21.3	21.7	21.7	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
GE 7000	12.0	15.9	20.2	21.3	21.7	21.7	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
GE 6000	12.0	15.9	20.2	21.3	21.7	21.7	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
GE 5000	12.0	20.2	20.6	22.1	22.5	22.5	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
GE 4000	12.0	20.2	20.6	22.1	22.5	22.5	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
GE 3000	13.1	21.3	21.7	23.2	23.6	23.6	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
GE 2000	14.2	21.6	24.0	25.5	25.8	25.8	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
GE 1000	14.6	25.5	25.8	27.3	27.7	27.7	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
GE 2000	15.4	28.1	28.5	30.0	30.3	30.7	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
GE 2000	17.6	34.1	35.2	37.1	37.5	37.6	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
GE 1800	18.7	38.2	39.3	41.0	41.9	42.3	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 1500	20.6	46.8	48.7	52.1	52.4	53.2	53.6	53.6	53.6	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 1200	24.7	59.6	62.2	67.4	68.9	70.0	71.2	72.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 1000	25.8	64.4	67.8	74.2	77.2	78.7	80.1	82.4	83.9	84.3	84.6	85.0	86.1	86.1	86.1	86.1
GE 900	26.2	65.2	69.3	76.0	79.4	80.9	82.8	85.0	86.5	86.9	87.3	87.6	88.8	88.8	88.8	88.8
GE 800	27.0	66.3	71.2	78.7	82.0	83.5	85.8	88.0	89.5	89.9	90.3	90.6	91.8	91.8	91.8	91.8
GE 700	27.0	66.3	71.9	80.5	84.3	86.1	88.4	91.0	92.5	93.3	93.6	94.0	95.5	95.5	95.5	95.5
GE 600	27.3	66.7	72.7	81.3	85.0	86.9	89.1	91.8	93.3	94.0	94.4	95.1	96.6	96.6	96.6	96.6
GE 500	27.7	67.4	73.4	82.4	85.8	88.4	90.6	93.3	94.8	95.5	95.9	96.6	98.1	98.1	98.1	98.1
GE 400	27.7	67.4	73.4	82.4	86.1	88.8	91.0	93.6	95.5	96.3	97.0	97.8	99.3	99.6	99.6	99.6
GE 300	27.7	67.4	73.4	82.4	86.1	88.8	91.0	93.6	95.5	96.3	97.4	98.1	99.6	100.0	100.0	100.0
GE 200	27.7	67.4	73.4	82.4	86.1	88.8	91.0	93.6	95.5	96.3	97.4	98.1	99.6	100.0	100.0	100.0
GE 100	27.7	67.4	73.4	82.4	86.1	88.8	91.0	93.6	95.5	96.3	97.4	98.1	99.6	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 267

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(IST): 1200-1400

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	4.2	7.3	7.7	8.0	8.0	8.0	8.0	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	
GE 20000	7.7	12.2	12.6	13.3	13.3	13.3	13.3	13.6	13.6	13.6	17.6	13.6	13.6	13.6	13.6	
GE 18000	7.7	12.2	12.6	13.3	13.3	13.3	13.3	13.6	13.6	13.6	17.6	13.6	13.6	13.6	13.6	
GE 16000	7.7	12.2	12.6	13.3	13.3	13.3	13.3	13.6	13.6	13.6	17.6	13.6	13.6	13.6	13.6	
GE 14000	7.7	12.2	12.6	13.3	13.6	13.6	13.6	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	
GE 12000	7.7	12.2	12.6	13.3	13.6	13.6	13.6	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	
GE 10000	13.6	22.4	24.5	28.3	29.4	29.4	30.4	30.8	30.8	30.8	37.8	30.8	30.8	30.8	30.8	
GE 9000	13.6	22.4	24.5	28.3	29.7	29.7	30.4	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	
GE 8000	13.6	22.4	24.5	28.3	29.7	29.7	30.4	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	
GE 7000	13.6	22.4	24.5	28.3	29.7	29.7	30.4	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	
GE 6000	13.6	22.4	24.5	28.3	29.7	29.7	30.4	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	
GE 5000	13.6	22.4	24.5	28.3	29.7	29.7	30.4	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	
GE 4500	13.6	22.7	24.8	28.7	30.1	30.1	30.8	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	
GE 4000	13.6	22.7	24.8	28.7	30.1	30.1	30.8	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	
GE 3500	14.0	23.1	25.2	29.0	30.4	30.4	31.1	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	
GE 3000	14.7	25.5	28.0	31.6	33.2	33.2	33.9	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	
GE 2500	17.1	30.1	33.2	37.8	39.2	39.2	39.9	40.6	40.6	40.6	47.6	40.6	40.6	40.6	40.6	
GE 2000	18.9	36.4	39.5	44.6	46.2	46.2	47.2	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	
GE 1800	19.6	40.2	43.4	49.0	50.3	50.3	51.7	52.4	52.4	52.4	57.4	52.4	52.4	52.4	52.4	
GE 1600	22.4	45.7	53.5	60.5	62.9	63.6	65.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	
GE 1400	25.5	58.0	62.0	71.7	76.9	78.0	79.7	81.1	81.5	81.5	81.5	81.5	81.5	81.5	81.5	
GE 1200	26.2	61.9	66.6	77.3	83.9	85.0	87.4	89.2	89.5	89.5	89.9	89.9	90.2	90.2	90.2	
GE 1000	26.2	63.3	68.2	79.0	85.7	87.4	89.9	91.6	92.0	92.0	92.3	92.3	92.7	92.7	92.7	
GE 900	26.6	63.6	68.5	79.7	86.4	88.5	91.6	93.4	93.7	93.7	94.1	94.1	94.4	94.8	94.8	
GE 800	26.9	64.3	69.2	80.4	87.1	89.2	92.7	94.4	95.1	95.1	95.5	95.5	95.8	96.2	96.2	
GE 700	26.9	65.0	69.9	81.1	88.1	90.6	94.1	95.8	96.9	96.9	97.6	97.6	97.9	98.3	98.3	
GE 600	26.9	65.0	69.9	81.1	88.5	91.3	94.8	96.9	98.3	98.3	98.6	98.6	99.0	99.3	99.3	
GE 500	26.9	65.0	69.9	81.5	88.8	91.6	95.1	97.2	98.6	98.6	99.3	99.3	99.7	100.0	100.0	
GE 400	26.9	65.0	69.9	81.5	88.8	91.6	95.1	97.2	98.6	98.6	99.3	99.3	99.7	100.0	100.0	
GE 300	26.9	65.0	69.9	81.5	88.8	91.6	95.1	97.2	98.6	98.6	99.3	99.3	99.7	100.0	100.0	
GE 200	26.9	65.0	69.9	81.5	88.8	91.6	95.1	97.2	98.6	98.6	99.3	99.3	99.7	100.0	100.0	
GE 100	26.9	65.0	69.9	81.5	88.8	91.6	95.1	97.2	98.6	98.6	99.3	99.3	99.7	100.0	100.0	
GE 0	26.9	65.0	69.9	81.5	88.8	91.6	95.1	97.2	98.6	98.6	99.3	99.3	99.7	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 246

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 1 1/2	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11	GE 12	GE 13	GE 14	GE 15
NO CEIL	4.8	8.6	8.9	9.6	10.0	10.0	10.0	10.0	10.0	10.0	10.3	10.3	10.3	10.3	10.3	10.3
GE 2000	6.9	12.0	12.4	13.1	13.7	13.7	13.7	13.7	13.7	13.7	14.1	14.1	14.1	14.1	14.1	14.1
GE 1800	6.9	12.0	12.4	13.1	13.7	13.7	13.7	13.7	13.7	13.7	14.1	14.1	14.1	14.1	14.1	14.1
GE 1600	6.9	12.0	12.4	13.1	13.7	13.7	13.7	13.7	13.7	13.7	14.1	14.1	14.1	14.1	14.1	14.1
GE 1400	6.9	12.0	12.4	13.1	13.7	13.7	13.7	13.7	13.7	13.7	14.1	14.1	14.1	14.1	14.1	14.1
GE 1200	6.9	12.4	12.7	13.4	14.1	14.1	14.1	14.1	14.1	14.1	14.4	14.4	14.4	14.4	14.4	14.4
GE 1000	14.1	22.0	23.4	26.1	27.1	27.1	27.1	27.1	27.1	27.1	27.5	27.5	27.5	27.5	27.5	27.5
GE 900	14.1	22.0	23.4	26.1	27.1	27.1	27.1	27.1	27.1	27.1	27.5	27.5	27.5	27.5	27.5	27.5
GE 800	14.1	22.0	23.4	26.1	27.1	27.1	27.1	27.1	27.1	27.1	27.5	27.5	27.5	27.5	27.5	27.5
GE 700	14.1	22.0	23.4	26.1	27.1	27.1	27.1	27.1	27.1	27.1	27.5	27.5	27.5	27.5	27.5	27.5
GE 600	14.1	22.0	23.4	26.1	27.1	27.1	27.1	27.1	27.1	27.1	27.5	27.5	27.5	27.5	27.5	27.5
GE 500	14.1	22.0	23.4	26.1	27.1	27.1	27.1	27.1	27.1	27.1	27.5	27.5	27.5	27.5	27.5	27.5
GE 400	14.1	22.0	23.4	26.1	27.1	27.1	27.1	27.1	27.1	27.1	27.5	27.5	27.5	27.5	27.5	27.5
GE 300	14.1	22.0	23.4	26.1	27.1	27.1	27.1	27.1	27.1	27.1	27.5	27.5	27.5	27.5	27.5	27.5
GE 200	14.1	22.0	23.4	26.1	27.1	27.1	27.1	27.1	27.1	27.1	27.5	27.5	27.5	27.5	27.5	27.5
GE 100	14.1	22.0	23.4	26.1	27.1	27.1	27.1	27.1	27.1	27.1	27.5	27.5	27.5	27.5	27.5	27.5
GE 0	14.1	22.0	23.4	26.1	27.1	27.1	27.1	27.1	27.1	27.1	27.5	27.5	27.5	27.5	27.5	27.5
GE 2000	14.1	22.0	23.4	26.1	27.1	27.1	27.1	27.1	27.1	27.1	27.5	27.5	27.5	27.5	27.5	27.5
GE 1800	14.1	22.0	23.4	26.1	27.1	27.1	27.1	27.1	27.1	27.1	27.5	27.5	27.5	27.5	27.5	27.5
GE 1600	14.1	22.0	23.4	26.1	27.1	27.1	27.1	27.1	27.1	27.1	27.5	27.5	27.5	27.5	27.5	27.5
GE 1400	14.1	22.0	23.4	26.1	27.1	27.1	27.1	27.1	27.1	27.1	27.5	27.5	27.5	27.5	27.5	27.5
GE 1200	14.1	22.0	23.4	26.1	27.1	27.1	27.1	27.1	27.1	27.1	27.5	27.5	27.5	27.5	27.5	27.5
GE 1000	14.1	22.0	23.4	26.1	27.1	27.1	27.1	27.1	27.1	27.1	27.5	27.5	27.5	27.5	27.5	27.5
GE 900	14.1	22.0	23.4	26.1	27.1	27.1	27.1	27.1	27.1	27.1	27.5	27.5	27.5	27.5	27.5	27.5
GE 800	14.1	22.0	23.4	26.1	27.1	27.1	27.1	27.1	27.1	27.1	27.5	27.5	27.5	27.5	27.5	27.5
GE 700	14.1	22.0	23.4	26.1	27.1	27.1	27.1	27.1	27.1	27.1	27.5	27.5	27.5	27.5	27.5	27.5
GE 600	14.1	22.0	23.4	26.1	27.1	27.1	27.1	27.1	27.1	27.1	27.5	27.5	27.5	27.5	27.5	27.5
GE 500	14.1	22.0	23.4	26.1	27.1	27.1	27.1	27.1	27.1	27.1	27.5	27.5	27.5	27.5	27.5	27.5
GE 400	14.1	22.0	23.4	26.1	27.1	27.1	27.1	27.1	27.1	27.1	27.5	27.5	27.5	27.5	27.5	27.5
GE 300	14.1	22.0	23.4	26.1	27.1	27.1	27.1	27.1	27.1	27.1	27.5	27.5	27.5	27.5	27.5	27.5
GE 200	14.1	22.0	23.4	26.1	27.1	27.1	27.1	27.1	27.1	27.1	27.5	27.5	27.5	27.5	27.5	27.5
GE 100	14.1	22.0	23.4	26.1	27.1	27.1	27.1	27.1	27.1	27.1	27.5	27.5	27.5	27.5	27.5	27.5
GE 0	14.1	22.0	23.4	26.1	27.1	27.1	27.1	27.1	27.1	27.1	27.5	27.5	27.5	27.5	27.5	27.5

TOTAL NUMBER OF OBSERVATIONS: 251

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS (LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 1 1/4	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11	GE 12	GE 13	GE 14	GE 15
NO CEIL	1	6.2	8.2	9.3	10.7	11.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
GE 20000	8.2	10.3	11.3	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
GE 18000	8.2	10.3	11.3	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
GE 16000	8.2	10.3	11.3	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
GE 14000	8.2	10.3	11.3	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
GE 12000	8.2	10.3	11.3	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
GE 10000	11.3	15.8	18.6	19.6	19.6	19.9	19.9	20.3	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
GE 9000	11.3	15.8	18.6	19.6	19.6	19.9	19.9	20.3	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
GE 8000	11.3	15.8	18.6	19.6	19.6	19.9	19.9	20.3	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
GE 7000	11.3	15.8	18.6	19.6	19.9	20.3	20.3	20.6	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
GE 6000	11.3	15.8	18.6	19.6	19.9	20.3	20.3	20.6	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
GE 5000	11.3	15.8	18.6	19.6	19.9	20.3	20.3	20.6	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
GE 4000	11.3	15.8	18.6	19.6	19.9	20.3	20.3	20.6	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
GE 3000	12.4	17.5	20.3	21.6	21.6	22.0	22.0	22.3	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
GE 2000	12.4	18.2	21.0	22.3	22.3	22.7	22.7	23.0	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
GE 1000	14.4	21.3	24.1	25.4	25.4	25.8	25.8	26.1	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
GE 25000	16.2	26.6	31.2	31.6	31.6	32.0	32.0	32.3	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
GE 20000	16.2	26.6	31.2	31.6	31.6	32.0	32.0	32.3	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
GE 18000	21.4	38.8	43.3	45.7	45.7	46.4	46.4	46.7	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 16000	21.4	38.8	43.3	45.7	45.7	46.4	46.4	46.7	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 14000	21.4	38.8	43.3	45.7	45.7	46.4	46.4	46.7	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 12000	21.4	38.8	43.3	45.7	45.7	46.4	46.4	46.7	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 10000	22.6	42.6	47.4	48.1	48.1	48.5	48.5	48.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 9000	22.6	42.6	47.4	48.1	48.1	48.5	48.5	48.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 8000	22.6	42.6	47.4	48.1	48.1	48.5	48.5	48.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 7000	22.6	42.6	47.4	48.1	48.1	48.5	48.5	48.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 6000	22.6	42.6	47.4	48.1	48.1	48.5	48.5	48.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 5000	22.6	42.6	47.4	48.1	48.1	48.5	48.5	48.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 4000	22.6	42.6	47.4	48.1	48.1	48.5	48.5	48.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 3000	22.6	42.6	47.4	48.1	48.1	48.5	48.5	48.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 2000	22.6	42.6	47.4	48.1	48.1	48.5	48.5	48.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 1000	22.6	42.6	47.4	48.1	48.1	48.5	48.5	48.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 25000	22.6	42.6	47.4	48.1	48.1	48.5	48.5	48.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 20000	22.6	42.6	47.4	48.1	48.1	48.5	48.5	48.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 18000	22.6	42.6	47.4	48.1	48.1	48.5	48.5	48.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 16000	22.6	42.6	47.4	48.1	48.1	48.5	48.5	48.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 14000	22.6	42.6	47.4	48.1	48.1	48.5	48.5	48.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 12000	22.6	42.6	47.4	48.1	48.1	48.5	48.5	48.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 10000	22.6	42.6	47.4	48.1	48.1	48.5	48.5	48.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 9000	22.6	42.6	47.4	48.1	48.1	48.5	48.5	48.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 8000	22.6	42.6	47.4	48.1	48.1	48.5	48.5	48.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 7000	22.6	42.6	47.4	48.1	48.1	48.5	48.5	48.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 6000	22.6	42.6	47.4	48.1	48.1	48.5	48.5	48.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 5000	22.6	42.6	47.4	48.1	48.1	48.5	48.5	48.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 4000	22.6	42.6	47.4	48.1	48.1	48.5	48.5	48.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 3000	22.6	42.6	47.4	48.1	48.1	48.5	48.5	48.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 2000	22.6	42.6	47.4	48.1	48.1	48.5	48.5	48.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 1000	22.6	42.6	47.4	48.1	48.1	48.5	48.5	48.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2

TOTAL NUMBER OF OBSERVATIONS: 291

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARK-ANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS (LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 1 1/4	GE 1	GE 7/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	9.7	12.8	13.1	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.8	13.8	13.8	13.8	13.8
GE 20000	9.7	13.5	14.2	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.9	14.9	14.9	14.9	14.9
GE 18000	9.7	13.5	14.2	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.9	14.9	14.9	14.9	14.9
GE 16000	9.7	13.5	14.2	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.9	14.9	14.9	14.9	14.9
GE 14000	9.7	13.5	14.2	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.9	14.9	14.9	14.9	14.9
GE 12000	9.7	13.5	14.2	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.9	14.9	14.9	14.9	14.9
GE 10000	13.5	19.0	20.8	21.5	21.5	21.8	21.8	21.8	21.8	21.8	21.8	22.1	22.1	22.1	22.1	22.1
GE 9000	13.5	19.0	20.8	21.5	21.5	21.8	21.8	21.8	21.8	21.8	21.8	22.1	22.1	22.1	22.1	22.1
GE 8000	13.5	19.0	20.8	21.5	21.5	21.8	21.8	21.8	21.8	21.8	21.8	22.1	22.1	22.1	22.1	22.1
GE 7000	13.5	19.0	20.8	21.5	21.5	21.8	21.8	21.8	21.8	21.8	21.8	22.1	22.1	22.1	22.1	22.1
GE 6000	13.5	19.0	20.8	21.5	21.5	21.8	21.8	21.8	21.8	21.8	21.8	22.1	22.1	22.1	22.1	22.1
GE 5000	13.5	19.4	21.1	21.8	21.8	22.1	22.1	22.1	22.1	22.1	22.1	22.5	22.5	22.5	22.5	22.5
GE 4500	13.5	19.4	21.1	21.8	21.8	22.1	22.1	22.1	22.1	22.1	22.1	22.5	22.5	22.5	22.5	22.5
GE 4000	13.8	20.1	21.8	22.5	22.5	22.8	22.8	22.8	22.8	22.8	22.8	23.2	23.2	23.2	23.2	23.2
GE 3500	13.8	20.4	22.1	22.8	22.8	23.2	23.2	23.2	23.2	23.2	23.2	23.5	23.5	23.5	23.5	23.5
GE 3000	14.5	21.1	22.9	23.5	23.5	23.9	23.9	23.9	23.9	23.9	23.9	24.2	24.2	24.2	24.2	24.2
GE 2500	19.7	27.0	28.7	29.8	29.8	30.1	30.1	30.1	30.1	30.1	30.1	30.4	30.4	30.4	30.4	30.4
GE 2000	22.9	35.6	37.7	39.1	39.1	39.4	39.4	39.4	39.4	39.4	39.4	39.8	39.8	39.8	39.8	39.8
GE 1800	24.2	39.4	42.6	45.0	45.3	45.7	45.7	45.7	45.7	45.7	45.7	46.0	46.0	46.0	46.0	46.0
GE 1600	25.3	43.9	48.4	51.2	51.9	52.6	52.9	52.9	52.9	52.9	52.9	53.3	53.3	53.3	53.3	53.3
GE 1400	30.4	56.7	62.6	69.2	70.9	72.0	73.4	74.0	74.0	74.0	74.0	74.4	74.7	74.7	74.7	74.7
GE 1200	31.8	61.2	68.9	76.5	79.2	81.0	83.4	84.6	85.1	85.1	85.1	85.5	85.8	85.8	85.8	85.8
GE 1000	31.8	61.3	71.9	78.5	81.3	83.4	86.2	87.5	87.9	87.9	87.9	88.2	88.6	88.6	88.6	88.6
GE 900	32.2	65.7	74.0	82.0	85.1	87.5	90.7	92.4	92.7	93.1	93.1	93.4	93.8	93.8	93.8	93.8
GE 800	32.5	66.8	75.4	83.0	86.5	88.9	92.4	94.5	94.8	95.2	95.5	95.5	96.2	96.2	96.2	96.2
GE 700	32.5	66.8	75.4	83.7	87.2	89.6	93.4	95.5	95.8	96.2	96.5	97.2	97.2	97.2	97.2	97.2
GE 600	32.5	67.5	76.5	84.6	88.2	91.0	94.8	96.9	97.2	97.9	98.3	99.0	99.0	99.0	99.0	99.0
GE 500	32.5	67.5	76.5	84.6	88.2	91.0	94.8	96.9	97.2	97.9	98.3	99.0	99.3	99.3	99.3	99.3
GE 400	32.5	67.5	76.5	84.6	88.2	91.0	94.8	96.9	97.2	97.9	98.3	99.0	99.3	99.3	99.3	99.3
GE 300	32.5	67.5	76.5	84.6	88.2	91.0	94.8	96.9	97.2	97.9	98.3	99.0	99.7	100.0	100.0	100.0
GE 200	32.5	67.5	76.5	84.6	88.2	91.0	94.8	96.9	97.2	97.9	98.3	99.0	99.7	100.0	100.0	100.0
GE 100	32.5	67.5	76.5	84.6	88.2	91.0	94.8	96.9	97.2	97.9	98.3	99.0	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 289

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	GE	GE	GF	GF	GE	GF	GE	GF	GF	GE	GE	GF	GF	GE	GE
	1	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	7/4	5/8	1/2	5/16	1/4
NO CEIL	1	6.6	5.9	13.3	10.8	10.9	10.9	10.9	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
GE 20000	1	9.3	12.3	12.6	13.4	13.5	13.5	13.5	13.6	13.6	13.6	13.7	13.7	13.7	13.7	13.7
GE 18000	1	9.3	12.3	12.8	13.4	13.5	13.5	13.5	13.6	13.6	13.6	13.7	13.7	13.7	13.7	13.7
GE 16000	1	9.3	12.3	12.8	13.4	13.5	13.5	13.5	13.6	13.6	13.6	13.7	13.7	13.7	13.7	13.7
GE 14000	1	9.3	12.3	12.6	13.4	13.5	13.5	13.5	13.6	13.6	13.6	13.7	13.7	13.7	13.7	13.7
GE 12000	1	9.3	12.4	12.6	13.4	13.6	13.6	13.6	13.7	13.7	13.7	13.8	13.8	13.8	13.8	13.8
GE 10000	12.3	15.2	20.4	22.0	22.4	22.6	22.6	22.6	22.9	22.9	23.0	23.1	23.1	23.1	23.1	23.1
GE 9000	12.3	15.2	20.4	22.0	22.4	22.7	22.6	22.9	23.0	23.1	23.1	23.1	23.1	23.1	23.1	23.1
GE 8000	12.3	15.2	20.4	22.0	22.4	22.7	22.6	22.9	23.0	23.1	23.1	23.1	23.1	23.1	23.1	23.1
GE 7000	12.3	15.2	20.5	22.1	22.4	22.7	22.8	23.0	23.0	23.1	23.1	23.1	23.1	23.1	23.1	23.1
GE 6000	12.3	15.2	20.5	22.1	22.4	22.7	22.8	23.0	23.0	23.1	23.1	23.1	23.1	23.1	23.1	23.1
GE 5000	12.3	15.3	20.6	22.2	22.6	22.9	23.0	23.1	23.2	23.3	23.3	23.3	23.3	23.3	23.3	23.3
GE 4500	12.4	15.5	20.8	22.4	22.6	23.1	23.2	23.4	23.4	23.5	23.5	23.5	23.5	23.5	23.5	23.5
GE 4000	12.8	20.2	21.5	23.1	23.5	23.8	24.0	24.1	24.1	24.2	24.3	24.3	24.3	24.3	24.3	24.3
GE 3500	13.4	21.3	22.6	24.2	24.6	24.9	25.0	25.2	25.2	25.3	25.3	25.3	25.3	25.3	25.3	25.3
GE 3000	14.4	21.1	24.5	26.4	26.5	26.8	26.9	27.1	27.1	27.2	27.2	27.2	27.2	27.2	27.2	27.2
GE 2500	16.9	27.5	29.1	31.0	31.4	31.8	31.9	32.1	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.2
GE 2000	20.6	35.1	37.2	39.7	40.2	40.6	40.8	40.9	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.1
GE 1800	22.0	38.9	41.3	44.4	44.9	45.4	45.7	45.8	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0
GE 1600	25.2	46.7	50.0	54.3	55.4	56.0	56.4	56.6	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 1400	29.3	56.3	62.0	69.6	72.2	73.7	74.5	75.3	75.5	75.9	76.0	76.1	76.2	76.2	76.2	76.2
GE 1200	29.5	63.2	68.6	76.8	80.4	82.3	83.7	84.9	85.5	85.8	86.0	86.1	86.4	86.4	86.4	86.5
GE 1000	29.7	64.9	70.4	79.0	82.8	84.9	86.6	88.2	88.9	89.3	89.4	89.6	89.9	89.9	89.9	90.0
GE 900	29.9	65.8	71.6	80.7	84.7	87.0	89.0	90.7	91.4	91.9	92.1	92.2	92.6	92.6	92.6	92.7
GE 800	30.0	65.6	72.8	82.6	86.9	89.4	91.4	93.3	94.1	94.7	94.9	95.2	95.5	95.6	95.6	95.7
GE 700	30.1	66.9	73.4	83.4	87.9	90.7	92.8	94.6	95.5	96.2	96.5	96.7	97.2	97.2	97.2	97.3
GE 600	30.2	67.2	73.8	83.9	88.5	91.4	93.5	95.5	96.5	97.2	97.6	97.9	98.3	98.4	98.4	98.5
GE 500	30.2	67.2	73.8	84.0	88.7	91.7	93.8	95.9	96.9	97.7	98.1	98.4	98.9	99.0	99.0	99.1
GE 400	30.2	67.3	73.9	84.2	88.9	91.9	94.0	96.1	97.1	97.9	98.3	98.6	99.1	99.3	99.3	99.3
GE 300	30.2	67.3	73.9	84.2	88.9	91.9	94.0	96.1	97.1	97.9	98.4	98.7	99.4	99.8	99.8	99.9
GE 200	30.2	67.3	73.9	84.2	88.9	91.9	94.0	96.1	97.1	97.9	98.4	98.7	99.4	99.9	99.9	100.0
GE 100	30.2	67.3	73.9	84.2	88.9	91.9	94.0	96.1	97.1	97.9	98.4	98.7	99.4	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 2290

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77 86
MONTH: DEC HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	10.5	17.1	18.1	18.4	19.1	19.1	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.7
GE 20000	11.8	20.1	21.4	21.7	22.4	23.0	23.7	24.3	24.3	25.0	25.0	25.0	25.0	25.0	25.0	25.3
GE 18000	11.8	20.1	21.4	21.7	22.4	23.0	23.7	24.3	24.3	25.0	25.0	25.0	25.0	25.0	25.0	25.3
GE 16000	11.8	20.1	21.4	21.7	22.4	23.0	23.7	24.3	24.3	25.0	25.0	25.0	25.0	25.0	25.0	25.3
GE 14000	11.8	20.1	21.4	21.7	22.4	23.0	23.7	24.3	24.3	25.0	25.0	25.0	25.0	25.0	25.0	25.3
GE 12000	11.8	20.1	21.4	21.7	22.4	23.0	23.7	24.3	24.3	25.0	25.0	25.0	25.0	25.0	25.0	25.3
GE 10000	17.8	25.6	32.9	36.5	38.8	39.5	41.1	41.8	41.8	42.4	42.4	42.4	42.4	42.4	42.4	42.8
GE 9000	17.8	25.6	32.9	36.5	38.8	39.5	41.1	41.8	41.8	42.4	42.4	42.4	42.4	42.4	42.4	42.8
GE 8000	17.8	25.6	32.9	36.5	38.8	39.5	41.1	41.8	41.8	42.4	42.4	42.4	42.4	42.4	42.4	42.8
GE 7000	17.8	25.9	33.2	36.8	39.1	39.8	41.4	42.1	42.1	42.8	42.8	42.8	42.8	42.8	42.8	43.1
GE 6000	17.8	25.9	33.2	36.8	39.1	39.8	41.4	42.1	42.1	42.8	42.8	42.8	42.8	42.8	42.8	43.1
GE 5000	17.8	25.9	33.2	36.8	39.1	39.8	41.4	42.1	42.1	42.8	42.8	42.8	42.8	42.8	42.8	43.1
GE 4500	17.8	25.9	33.2	36.8	39.1	39.8	41.4	42.1	42.1	42.8	42.8	42.8	42.8	42.8	42.8	43.1
GE 4000	17.8	25.9	33.2	36.8	39.1	39.8	41.4	42.1	42.1	42.8	42.8	42.8	42.8	42.8	42.8	43.1
GE 3500	17.7	32.2	35.5	39.1	41.4	42.1	43.8	44.4	44.4	45.1	45.1	45.1	45.1	45.1	45.1	45.4
GE 3000	27.1	32.6	35.9	39.5	41.8	42.4	44.1	44.7	44.7	45.4	45.4	45.4	45.4	45.4	45.4	45.7
GE 2500	21.7	35.9	39.8	43.8	46.4	47.0	48.7	49.3	49.3	50.0	50.0	50.0	50.0	50.0	50.0	50.3
GE 2000	27.4	36.8	44.1	46.4	51.3	52.0	53.6	54.3	54.3	54.9	54.9	54.9	54.9	54.9	54.9	55.3
GE 1800	23.4	41.8	47.7	53.0	56.6	57.2	58.9	59.5	59.5	60.2	60.2	60.2	60.2	60.2	60.2	60.5
GE 1600	24.7	46.4	54.6	62.2	66.1	67.1	68.8	69.7	69.7	70.7	70.7	70.7	70.7	70.7	70.7	71.1
GE 1400	25.3	52.6	60.5	70.7	75.7	76.6	80.6	81.6	82.2	83.2	83.2	83.2	83.2	83.2	83.2	83.6
GE 1000	25.7	56.6	64.1	77.3	82.2	85.2	87.2	88.5	89.1	90.8	90.8	90.8	90.8	90.8	90.8	91.1
GE 900	26.3	57.2	65.1	78.6	84.2	87.2	89.1	91.1	91.8	93.4	93.4	93.4	93.4	93.4	93.4	93.8
GE 800	26.3	57.6	65.5	79.9	85.5	88.5	90.5	92.4	93.1	94.7	94.7	94.7	94.7	94.7	94.7	95.1
GE 700	26.3	57.9	65.8	80.3	86.1	89.5	91.4	93.8	94.4	96.4	96.4	96.4	96.4	96.4	96.4	97.0
GE 600	26.3	58.2	66.4	80.9	87.2	90.8	92.8	95.1	96.1	98.0	98.0	98.0	98.0	98.0	98.0	98.7
GE 500	26.3	58.6	66.8	81.3	87.5	91.1	93.1	95.4	96.4	98.4	98.4	98.4	98.4	98.4	98.4	99.0
GE 400	26.3	58.6	66.8	81.3	87.5	91.1	93.1	95.4	96.4	98.4	98.4	98.4	98.4	98.4	98.4	99.0
GE 300	26.3	58.9	67.1	81.6	87.8	91.4	93.4	95.7	96.7	98.7	98.7	98.7	98.7	98.7	98.7	99.3
GE 200	26.3	58.9	67.1	81.6	87.8	91.4	93.4	95.7	96.7	98.7	98.7	98.7	98.7	98.7	98.7	99.7
GE 100	26.3	58.9	67.1	81.6	87.8	91.4	93.4	95.7	96.7	98.7	98.7	98.7	98.7	98.7	98.7	100.0
GE	26.3	58.9	67.1	81.6	87.8	91.4	93.4	95.7	96.7	98.7	98.7	98.7	98.7	98.7	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 304

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86

MONTH: DEC HOURS (LST): 0300-0500

CEILING IN FEET	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	VISIBILITY IN STATUTE MILES									
									GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 7/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	1	11.3	16.9	17.0	18.6	18.9	18.9	19.6	19.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.9	20.9
GE 20000	12.0	18.9	19.6	20.6	21.6	21.6	22.3	23.3	23.3	23.3	23.3	23.3	23.9	23.9	23.9	23.9	24.3	24.3
GE 18000	12.0	18.9	19.6	20.6	21.6	21.6	22.3	23.3	23.3	23.3	23.3	23.3	23.9	23.9	23.9	23.9	24.3	24.3
GE 16000	12.0	18.9	19.6	20.6	21.6	21.6	22.3	23.3	23.3	23.3	23.3	23.3	23.9	23.9	23.9	23.9	24.3	24.3
GE 14000	12.0	18.9	19.6	20.6	21.6	21.6	22.3	23.3	23.3	23.3	23.3	23.3	23.9	23.9	23.9	23.9	24.3	24.3
GE 12000	12.0	18.9	19.6	20.6	21.6	21.6	22.3	23.3	23.3	23.3	23.3	23.3	23.9	23.9	23.9	23.9	24.3	24.3
GE 10000	16.9	31.6	33.6	38.5	39.9	40.9	42.2	43.5	43.9	43.9	43.9	43.9	44.9	44.9	44.9	44.9	45.2	45.2
GE 9000	16.9	31.6	33.6	38.5	39.9	40.9	42.2	43.5	43.9	43.9	43.9	43.9	44.9	44.9	44.9	44.9	45.2	45.2
GE 8000	16.9	31.6	33.6	38.5	39.9	40.9	42.2	43.5	43.9	43.9	43.9	43.9	44.9	44.9	44.9	44.9	45.2	45.2
GE 7000	16.9	31.6	33.6	38.5	39.9	40.9	42.2	43.5	43.9	43.9	43.9	43.9	44.9	44.9	44.9	44.9	45.2	45.2
GE 6000	16.9	31.6	33.6	38.5	39.9	40.9	42.2	43.5	43.9	43.9	43.9	43.9	44.9	44.9	44.9	44.9	45.2	45.2
GE 5000	16.9	31.6	33.6	38.5	39.9	40.9	42.2	43.5	43.9	43.9	43.9	43.9	44.9	44.9	44.9	44.9	45.2	45.2
GE 4000	17.9	31.9	33.9	38.9	40.2	41.2	42.5	43.9	44.2	44.2	44.2	44.2	45.2	45.2	45.2	45.2	45.5	45.5
GE 3000	17.9	32.6	34.6	39.5	40.9	41.9	43.2	44.5	44.9	44.9	44.9	44.9	45.9	45.8	45.8	45.8	46.2	46.2
GE 2000	18.7	32.2	35.2	40.2	41.5	42.5	43.9	45.2	45.5	45.5	45.5	45.5	46.5	46.5	46.5	46.5	46.8	46.8
GE 1000	19.7	34.2	36.2	41.2	42.5	43.5	44.9	46.2	46.5	46.5	46.5	46.5	47.5	47.5	47.5	47.5	47.8	47.8
GE 2000	19.6	35.5	38.5	43.5	44.9	45.8	47.2	48.5	48.8	48.8	48.8	48.8	49.8	49.8	49.8	49.8	50.2	50.2
GE 2000	19.9	35.2	42.9	46.2	49.8	50.8	52.2	53.8	54.2	54.5	54.5	54.5	55.5	55.5	55.5	55.5	55.8	55.8
GE 1800	19.9	41.9	45.5	51.5	53.5	54.5	55.8	57.5	57.8	58.1	58.1	58.1	59.1	59.1	59.1	59.1	59.5	59.5
GE 1600	20.3	46.5	53.2	61.8	64.1	65.4	67.1	69.1	69.4	69.4	69.4	69.4	70.8	70.8	70.8	70.8	71.1	71.1
GE 1400	20.2	52.5	59.5	71.8	75.7	78.1	80.1	82.1	83.1	83.7	83.7	83.7	84.7	84.7	84.7	84.7	85.0	85.0
GE 1200	20.9	64.1	62.5	77.4	82.1	84.4	86.7	89.0	90.0	90.0	90.7	91.7	91.7	91.7	91.7	91.7	92.0	92.0
GE 1000	20.9	66.5	62.8	78.7	83.4	86.0	88.4	90.7	91.7	92.4	92.4	93.4	93.4	93.4	93.4	93.4	93.7	93.7
GE 800	20.9	67.8	64.1	80.4	85.4	88.0	90.7	93.7	95.0	95.0	95.7	96.7	96.7	96.7	96.7	96.7	97.0	97.0
GE 600	20.9	68.1	64.5	80.7	85.7	88.7	91.4	94.4	95.7	96.3	96.3	97.3	97.3	97.3	97.3	97.3	97.7	97.7
GE 400	20.2	68.5	64.8	81.4	86.7	90.0	92.7	95.7	97.0	97.7	97.7	98.7	98.7	98.7	98.7	98.7	99.0	99.0
GE 200	20.2	68.5	64.8	81.4	87.0	90.4	93.0	96.0	97.3	98.0	98.0	99.0	99.0	99.0	99.0	99.0	99.7	99.7
GE 100	20.2	68.5	64.8	81.4	87.0	90.4	93.0	96.0	97.3	98.0	98.0	99.0	99.0	99.0	99.0	99.0	99.7	99.7
GE 200	20.2	68.8	65.1	81.7	87.4	90.7	93.4	96.3	97.7	98.3	98.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0
GE 100	20.2	68.8	65.1	81.7	87.4	90.7	93.4	96.3	97.7	98.3	98.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0
GE 100	20.2	68.8	65.1	81.7	87.4	90.7	93.4	96.3	97.7	98.3	98.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0
GE 100	20.2	68.8	65.1	81.7	87.4	90.7	93.4	96.3	97.7	98.3	98.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 301

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: DEC FOUR-SILST: 0600-0600

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11	GE 12	GE 13	GE 14	GE 15	GE 16
NO CEIL	11.2	16.7	17.7	18.0	18.7	16.7	18.7	19.0	19.4	19.4	19.4	19.4	19.4	19.4	19.7	19.7
GE 2000	13.3	20.4	21.6	22.1	22.8	22.8	23.1	23.8	24.1	24.1	24.5	24.5	24.5	24.5	24.8	24.8
GE 1800	13.3	20.4	21.8	22.1	22.8	22.8	23.1	23.8	24.1	24.1	24.5	24.5	24.5	24.5	24.8	24.8
GE 1600	13.3	20.4	21.8	22.1	22.8	22.8	23.1	23.8	24.1	24.1	24.5	24.5	24.5	24.5	24.8	24.8
GE 1400	13.3	20.4	21.8	22.1	22.8	22.8	23.1	23.8	24.1	24.1	24.5	24.5	24.5	24.5	24.8	24.8
GE 1200	13.3	20.4	21.8	22.1	22.8	22.8	23.1	23.8	24.1	24.1	24.5	24.5	24.5	24.5	24.8	24.8
GE 1000	15.6	29.9	33.3	36.1	37.4	39.5	40.1	40.8	41.2	41.2	41.5	41.5	41.5	41.5	41.8	41.8
GE 900	15.6	29.9	33.3	36.1	37.4	39.5	40.1	40.8	41.2	41.2	41.5	41.5	41.5	41.5	41.8	41.8
GE 800	15.6	29.9	33.3	36.1	37.4	39.5	40.1	40.8	41.2	41.2	41.5	41.5	41.5	41.5	41.8	41.8
GE 700	15.6	29.9	33.3	36.1	37.4	39.5	40.1	40.8	41.2	41.2	41.5	41.5	41.5	41.5	41.8	41.8
GE 600	15.6	29.9	33.3	36.1	37.4	39.5	40.1	40.8	41.2	41.2	41.5	41.5	41.5	41.5	41.8	41.8
GE 500	15.6	29.9	33.3	36.1	37.4	39.5	40.1	40.8	41.2	41.2	41.5	41.5	41.5	41.5	41.8	41.8
GE 450	15.6	29.9	33.3	36.1	37.4	39.5	40.1	40.8	41.2	41.2	41.5	41.5	41.5	41.5	41.8	41.8
GE 400	16.3	31.0	34.4	37.1	38.4	40.5	41.2	41.8	42.2	42.2	42.5	42.5	42.5	42.5	42.9	42.9
GE 350	16.7	31.6	35.0	37.8	39.1	41.2	41.8	42.5	42.9	42.9	43.2	43.2	43.2	43.2	43.5	43.5
GE 300	17.7	33.0	36.4	39.1	40.5	42.5	43.2	43.9	44.2	44.2	44.6	44.6	44.6	44.6	44.9	44.9
GE 250	18.7	35.0	38.4	41.5	42.9	44.9	45.6	46.3	46.6	46.6	46.9	46.9	46.9	46.9	47.3	47.3
GE 200	19.7	37.4	41.5	45.6	47.3	49.3	50.0	50.7	51.0	51.0	51.4	51.4	51.4	51.4	51.7	51.7
GE 180	20.1	39.5	44.2	50.0	52.0	54.1	54.8	55.4	55.8	55.8	56.1	56.1	56.1	56.1	56.5	56.5
GE 150	21.4	45.9	51.4	58.8	62.6	65.3	66.0	67.0	67.7	67.7	68.0	68.0	68.0	68.0	68.4	68.4
GE 120	23.1	51.7	59.8	70.7	76.5	79.3	79.9	81.6	82.7	83.0	83.3	83.3	83.3	83.3	83.7	83.7
GE 100	24.1	55.1	62.9	76.9	84.7	87.4	88.4	90.1	91.2	91.5	91.8	91.8	91.8	91.8	92.2	92.2
GE 90	24.5	55.4	63.3	78.2	86.4	89.5	90.5	92.2	93.2	93.5	93.9	93.9	93.9	93.9	94.2	94.2
GE 80	24.5	55.8	64.6	81.0	89.5	92.5	93.5	95.2	96.3	96.6	96.9	96.9	96.9	96.9	97.3	97.3
GE 70	24.5	56.8	65.6	82.0	90.5	93.5	94.6	96.3	97.3	97.6	98.0	98.0	98.0	98.0	98.3	98.3
GE 60	24.8	57.1	66.0	82.7	91.2	94.2	95.2	96.9	98.0	98.3	98.6	98.6	98.6	98.6	99.0	99.0
GE 50	24.8	57.1	66.0	83.0	91.5	94.9	95.9	97.6	98.6	99.0	99.3	99.3	99.3	99.3	99.7	99.7
GE 40	24.8	57.1	66.0	83.0	91.5	94.9	95.9	97.6	98.6	99.0	99.3	99.3	99.3	99.3	99.7	99.7
GE 30	24.8	57.1	66.0	83.0	91.5	94.9	95.9	97.6	98.6	99.0	99.3	99.3	99.3	99.3	99.7	99.7
GE 20	24.8	57.1	66.0	83.0	91.5	94.9	95.9	97.6	98.6	99.0	99.3	99.3	99.3	99.3	100.0	100.0
GE 10	24.8	57.1	66.0	83.0	91.5	94.9	95.9	97.6	98.6	99.0	99.3	99.3	99.3	99.3	100.0	100.0
GE 0	24.8	57.1	66.0	83.0	91.5	94.9	95.9	97.6	98.6	99.0	99.3	99.3	99.3	99.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 294

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86

MONTH: DEC HOURS(IST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	7.3	13.2	13.6	14.3	14.7	15.4	15.4	15.8	15.8	15.8	15.8	15.8	15.8	16.1	16.1	16.1	16.1
GE 20000	9.5	17.6	18.7	20.1	21.2	22.0	22.0	22.3	22.3	22.3	22.3	22.3	22.3	22.7	22.7	22.7	22.7
GE 18000	9.5	17.6	18.7	20.1	21.2	22.0	22.0	22.3	22.3	22.3	22.3	22.3	22.3	22.7	22.7	22.7	22.7
GE 16000	9.5	17.6	18.7	20.1	21.2	22.0	22.0	22.3	22.3	22.3	22.3	22.3	22.3	22.7	22.7	22.7	22.7
GE 14000	9.5	17.6	18.7	20.1	21.2	22.0	22.0	22.3	22.3	22.3	22.3	22.3	22.3	22.7	22.7	22.7	22.7
GE 12000	9.5	17.6	18.7	20.1	21.2	22.0	22.0	22.3	22.3	22.3	22.3	22.3	22.3	22.7	22.7	22.7	22.7
GE 10000	13.9	31.5	34.4	40.3	42.1	43.6	44.0	44.3	44.7	45.1	45.1	45.1	45.1	45.4	45.4	45.4	45.4
GE 9000	14.3	31.9	34.8	40.7	42.5	44.0	44.3	44.7	45.1	45.4	45.4	45.4	45.4	45.8	45.8	45.8	45.8
GE 8000	14.3	31.9	34.8	40.7	42.5	44.0	44.3	44.7	45.1	45.4	45.4	45.4	45.4	45.8	45.8	45.8	45.8
GE 7000	14.3	31.9	34.8	40.7	42.5	44.0	44.3	44.7	45.1	45.4	45.4	45.4	45.4	45.8	45.8	45.8	45.8
GE 6000	14.3	31.9	34.8	40.7	42.5	44.0	44.3	44.7	45.1	45.4	45.4	45.4	45.4	45.8	45.8	45.8	45.8
GE 5000	14.3	31.9	34.8	40.7	42.5	44.0	44.3	44.7	45.1	45.4	45.4	45.4	45.4	45.8	45.8	45.8	45.8
GE 4000	14.3	31.9	34.8	40.7	42.5	44.0	44.3	44.7	45.1	45.4	45.4	45.4	45.4	45.8	45.8	45.8	45.8
GE 3000	15.0	32.6	35.5	41.4	43.6	45.1	45.4	45.8	46.2	46.5	46.5	46.5	46.5	46.9	46.9	46.9	46.9
GE 2000	15.0	32.6	35.5	41.4	43.6	45.1	45.4	45.8	46.2	46.5	46.5	46.5	46.5	46.9	46.9	46.9	46.9
GE 1000	15.0	32.6	35.5	41.4	43.6	45.1	45.4	45.8	46.2	46.5	46.5	46.5	46.5	46.9	46.9	46.9	46.9
GE 2500	15.8	34.8	37.7	44.0	46.2	47.6	48.0	48.4	48.7	49.1	49.1	49.1	49.1	49.5	49.5	49.5	49.5
GE 2000	16.5	37.7	41.4	48.4	50.5	52.0	52.4	52.7	53.1	53.5	53.5	53.5	53.5	53.8	53.8	53.8	53.8
GE 1800	16.8	39.6	44.0	52.0	54.2	55.7	56.0	56.4	56.8	57.1	57.1	57.1	57.1	57.5	57.5	57.5	57.5
GE 1600	18.7	47.3	52.0	61.2	64.1	65.9	66.3	66.7	67.0	67.4	67.4	67.4	67.4	68.1	68.1	68.1	68.1
GE 1400	19.8	51.3	59.3	70.3	75.5	78.0	78.4	78.8	79.1	79.5	79.5	79.5	79.5	80.2	80.2	80.2	80.2
GE 1200	20.9	54.6	63.4	75.5	81.3	85.7	86.4	86.8	87.2	87.5	87.5	87.5	87.5	88.3	88.3	88.3	88.3
GE 1000	20.9	54.6	63.4	75.5	81.3	85.7	86.4	86.8	87.2	87.5	87.5	87.5	87.5	88.3	88.3	88.3	88.3
GE 900	20.9	54.6	63.4	75.5	81.3	85.7	86.4	86.8	87.2	87.5	87.5	87.5	87.5	88.3	88.3	88.3	88.3
GE 800	20.9	54.6	63.4	75.5	81.3	85.7	86.4	86.8	87.2	87.5	87.5	87.5	87.5	88.3	88.3	88.3	88.3
GE 700	20.9	54.6	63.4	75.5	81.3	85.7	86.4	86.8	87.2	87.5	87.5	87.5	87.5	88.3	88.3	88.3	88.3
GE 600	20.9	54.6	63.4	75.5	81.3	85.7	86.4	86.8	87.2	87.5	87.5	87.5	87.5	88.3	88.3	88.3	88.3
GE 500	20.9	54.6	63.4	75.5	81.3	85.7	86.4	86.8	87.2	87.5	87.5	87.5	87.5	88.3	88.3	88.3	88.3
GE 400	20.9	54.6	63.4	75.5	81.3	85.7	86.4	86.8	87.2	87.5	87.5	87.5	87.5	88.3	88.3	88.3	88.3
GE 300	20.9	54.6	63.4	75.5	81.3	85.7	86.4	86.8	87.2	87.5	87.5	87.5	87.5	88.3	88.3	88.3	88.3
GE 200	20.9	54.6	63.4	75.5	81.3	85.7	86.4	86.8	87.2	87.5	87.5	87.5	87.5	88.3	88.3	88.3	88.3
GE 100	20.9	54.6	63.4	75.5	81.3	85.7	86.4	86.8	87.2	87.5	87.5	87.5	87.5	88.3	88.3	88.3	88.3
GE 70	20.9	54.6	63.4	75.5	81.3	85.7	86.4	86.8	87.2	87.5	87.5	87.5	87.5	88.3	88.3	88.3	88.3

TOTAL NUMBER OF OBSERVATIONS: 273

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKFANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1200-1400

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		10	5	4	3	2	1 1/2	1	1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	1	5.0	11.6	11.6	12.3	12.3	12.3	13.3	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
GE 20000	1	8.3	16.3	16.6	18.3	18.3	18.6	19.6	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
GE 18000	1	8.3	16.3	16.6	18.3	18.3	18.6	19.6	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
GE 16000	1	8.3	16.3	16.6	18.3	18.3	18.6	19.6	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
GE 14000	1	8.3	16.3	16.6	18.3	18.3	18.6	19.6	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
GE 12000	1	8.3	16.3	16.6	18.3	18.3	18.6	19.6	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
GE 10000	1	16.9	31.5	37.5	42.5	43.9	44.5	46.5	48.2	48.5	48.5	48.5	48.5	49.2	49.2	49.2	49.2
GE 9000	1	16.9	31.5	37.5	42.5	43.9	44.5	46.5	48.2	48.5	48.5	48.5	48.5	49.2	49.2	49.2	49.2
GE 8000	1	16.9	31.5	37.5	42.5	43.9	44.5	46.5	48.2	48.5	48.5	48.5	48.5	49.2	49.2	49.2	49.2
GE 7000	1	16.9	31.5	37.5	42.5	43.9	44.5	46.5	48.2	48.5	48.5	48.5	48.5	49.2	49.2	49.2	49.2
GE 6000	1	16.9	31.5	37.5	42.5	43.9	44.5	46.5	48.2	48.5	48.5	48.5	48.5	49.2	49.2	49.2	49.2
GE 5000	1	16.9	31.5	37.5	42.5	43.9	44.5	46.5	48.2	48.5	48.5	48.5	48.5	49.2	49.2	49.2	49.2
GE 4500	1	16.9	31.5	37.5	42.5	43.9	44.5	46.5	48.2	48.5	48.5	48.5	48.5	49.2	49.2	49.2	49.2
GE 4000	1	17.3	36.5	38.5	43.9	45.2	45.8	47.8	49.5	49.8	49.8	49.8	49.8	50.5	50.5	50.5	50.5
GE 3500	1	17.6	36.9	39.2	44.5	45.8	46.5	48.5	50.2	50.5	50.5	50.5	50.5	51.2	51.2	51.2	51.2
GE 3000	1	17.6	36.9	39.2	44.5	45.8	46.5	48.5	50.2	50.5	50.5	50.5	50.5	51.2	51.2	51.2	51.2
GE 2500	1	18.9	38.5	40.9	47.2	48.8	49.5	51.5	53.2	53.5	53.5	53.5	53.5	54.2	54.2	54.2	54.2
GE 2000	1	19.6	40.2	42.9	50.5	52.8	53.5	55.8	57.5	57.8	57.8	57.8	57.8	58.5	58.5	58.5	58.5
GE 1800	1	20.6	42.5	45.2	52.8	55.8	56.8	59.1	60.8	61.1	61.1	61.1	61.1	61.8	61.8	61.8	61.8
GE 1600	1	22.6	48.2	51.2	60.1	63.5	64.8	67.1	68.8	69.4	69.4	69.4	69.4	70.1	70.1	70.1	70.1
GE 1400	1	24.6	54.5	59.5	69.4	74.4	76.1	78.4	80.4	81.1	81.4	81.7	81.7	82.7	83.1	83.1	83.1
GE 1200	1	24.6	54.5	59.5	69.4	74.4	76.1	78.4	80.4	81.1	81.4	81.7	81.7	82.7	83.1	83.1	83.1
GE 1000	1	24.6	54.5	59.5	69.4	74.4	76.1	78.4	80.4	81.1	81.4	81.7	81.7	82.7	83.1	83.1	83.1
GE 900	1	24.6	54.5	59.5	69.4	74.4	76.1	78.4	80.4	81.1	81.4	81.7	81.7	82.7	83.1	83.1	83.1
GE 800	1	24.6	54.5	59.5	69.4	74.4	76.1	78.4	80.4	81.1	81.4	81.7	81.7	82.7	83.1	83.1	83.1
GE 700	1	24.6	54.5	59.5	69.4	74.4	76.1	78.4	80.4	81.1	81.4	81.7	81.7	82.7	83.1	83.1	83.1
GE 600	1	24.6	54.5	59.5	69.4	74.4	76.1	78.4	80.4	81.1	81.4	81.7	81.7	82.7	83.1	83.1	83.1
GE 500	1	24.6	54.5	59.5	69.4	74.4	76.1	78.4	80.4	81.1	81.4	81.7	81.7	82.7	83.1	83.1	83.1
GE 400	1	24.6	54.5	59.5	69.4	74.4	76.1	78.4	80.4	81.1	81.4	81.7	81.7	82.7	83.1	83.1	83.1
GE 300	1	24.6	54.5	59.5	69.4	74.4	76.1	78.4	80.4	81.1	81.4	81.7	81.7	82.7	83.1	83.1	83.1
GE 200	1	24.6	54.5	59.5	69.4	74.4	76.1	78.4	80.4	81.1	81.4	81.7	81.7	82.7	83.1	83.1	83.1
GE 100	1	24.6	54.5	59.5	69.4	74.4	76.1	78.4	80.4	81.1	81.4	81.7	81.7	82.7	83.1	83.1	83.1
GE 0	1	24.6	54.5	59.5	69.4	74.4	76.1	78.4	80.4	81.1	81.4	81.7	81.7	82.7	83.1	83.1	83.1

TOTAL NUMBER OF OBSERVATIONS: 101

GLOBAL CLIMATOLOGY BRANCH
USAFETAL
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(IST): 1500-1700

CEILING		VISIBILITY IN STATUTE MILES																
14	1	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	1	10	6	5	4	3	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0		
NO CEIL	1	7.0	11.7	12.1	12.6	13.1	13.1	13.4	14.4	14.4	14.4	14.4	14.4	15.1	15.1	15.1	15.1	
GE 20000	10.7	17.4	18.1	19.1	19.8	20.8	21.5	22.5	22.5	22.5	22.5	22.5	22.5	23.2	23.5	23.5	23.5	
GE 18000	10.7	17.4	18.1	19.1	19.8	20.8	21.5	22.5	22.5	22.5	22.5	22.5	22.5	23.2	23.5	23.5	23.5	
GE 16000	10.7	17.4	18.1	19.1	19.8	20.8	21.5	22.5	22.5	22.5	22.5	22.5	22.5	23.2	23.5	23.5	23.5	
GE 14000	10.7	17.4	18.1	19.1	19.8	20.8	21.5	22.5	22.5	22.5	22.5	22.5	22.5	23.2	23.5	23.5	23.5	
GE 12000	10.7	17.4	18.1	19.1	19.8	20.8	21.5	22.5	22.5	22.5	22.5	22.5	22.5	23.2	23.5	23.5	23.5	
GE 10000	16.1	34.6	36.2	42.3	45.0	46.3	47.3	48.7	49.0	49.0	49.0	49.3	49.3	50.0	50.3	50.3	50.3	
GE 9000	16.1	34.6	36.2	42.3	45.0	46.3	47.3	48.7	49.0	49.0	49.0	49.3	49.3	50.0	50.3	50.3	50.3	
GE 8000	16.1	34.6	36.2	42.3	45.0	46.3	47.3	48.7	49.0	49.0	49.0	49.3	49.3	50.0	50.3	50.3	50.3	
GE 7000	16.1	34.6	36.2	42.3	45.0	46.3	47.3	48.7	49.0	49.0	49.0	49.3	49.3	50.0	50.3	50.3	50.3	
GE 6000	16.1	34.6	36.2	42.3	45.0	46.3	47.3	48.7	49.0	49.0	49.0	49.3	49.3	50.0	50.3	50.3	50.3	
GE 5000	16.1	34.6	36.2	42.3	45.0	46.3	47.3	48.7	49.0	49.0	49.0	49.3	49.3	50.0	50.3	50.3	50.3	
GE 4000	16.4	34.9	36.6	42.6	45.3	46.6	47.7	49.0	49.3	49.3	49.3	49.7	49.7	50.3	50.7	50.7	50.7	
GE 3000	16.8	35.9	37.6	43.6	46.3	47.7	48.7	50.0	50.3	50.3	50.3	50.7	50.7	51.3	51.7	51.7	51.7	
GE 2500	17.1	37.2	38.9	45.0	48.0	49.3	50.3	51.7	52.0	52.0	52.0	52.3	52.3	53.0	53.4	53.4	53.4	
GE 2000	17.8	38.9	40.9	47.3	50.7	52.0	53.0	54.7	55.0	55.0	55.0	55.4	55.4	56.0	56.4	56.4	56.4	
GE 1800	18.1	40.9	43.0	50.3	54.0	55.4	56.7	58.4	58.7	58.7	59.1	59.1	59.1	59.7	60.1	60.1	60.1	
GE 1600	18.5	41.3	45.3	52.7	56.4	58.1	59.4	61.1	61.4	61.4	61.7	61.7	62.4	62.8	62.8	62.8	62.8	
GE 1400	18.8	45.6	48.1	56.7	60.4	62.8	64.8	66.6	67.1	67.8	68.1	68.1	68.8	69.1	69.1	69.1	69.1	
GE 1200	20.1	51.7	55.4	67.4	71.8	75.2	77.2	79.2	80.2	81.2	81.5	81.5	82.2	82.9	82.9	82.9	82.9	
GE 1000	21.5	55.4	59.7	72.6	78.9	82.6	84.6	86.9	88.3	89.6	89.9	89.9	90.6	91.3	91.3	91.3	91.3	
GE 900	21.5	56.7	61.7	74.8	81.2	85.2	87.2	89.6	91.3	92.6	93.0	93.0	93.6	94.3	94.3	94.3	94.3	
GE 800	21.5	56.7	61.7	74.8	81.9	85.9	87.9	90.3	91.9	93.3	93.6	93.6	94.3	95.0	95.0	95.0	95.0	
GE 700	21.5	56.7	61.7	74.8	81.9	85.9	87.9	90.3	92.3	94.0	94.6	94.6	95.3	96.0	96.0	96.0	96.0	
GE 600	21.5	57.4	62.4	75.6	83.2	87.2	89.3	91.9	94.0	96.0	96.6	96.6	97.3	98.0	98.0	98.0	98.0	
GE 500	21.5	57.4	62.4	75.6	83.2	87.2	89.3	91.9	94.0	96.0	96.6	96.6	97.3	98.0	98.0	98.0	98.0	
GE 400	21.5	57.4	62.4	75.6	83.6	87.9	89.9	92.6	94.6	96.6	97.3	97.3	98.0	98.7	98.7	98.7	98.7	
GE 300	21.5	57.7	62.8	76.2	83.9	88.3	90.3	93.0	95.0	97.0	97.7	97.7	98.3	99.0	99.0	99.0	99.0	
GE 200	21.5	57.7	62.8	76.5	84.2	88.6	90.6	93.3	95.3	97.3	98.0	98.0	98.7	99.3	99.3	99.3	99.3	
GE 100	21.5	57.7	62.8	76.5	84.2	88.6	90.6	93.3	95.3	97.3	98.0	98.0	98.7	99.3	99.3	99.3	99.7	
GE	0	21.5	57.7	62.8	76.5	84.2	88.6	90.6	93.3	95.3	97.3	98.0	98.0	98.7	99.3	99.3	100.0	

TOTAL NUMBER OF OBSERVATIONS: 276

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(IST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	10.0	19.7	20.0	20.7	20.7	21.0	21.7	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.3	22.3
GE 20000	10.7	21.3	22.0	22.7	23.0	24.0	25.0	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.7	25.7
GE 18000	10.7	21.3	22.0	22.7	23.0	24.0	25.0	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.7	25.7
GE 16000	10.7	21.3	22.0	22.7	23.0	24.0	25.0	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.7	25.7
GE 14000	10.7	21.3	22.0	22.7	23.0	24.0	25.0	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.7	25.7
GE 12000	10.7	21.3	22.0	22.7	23.0	24.0	25.0	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.7	25.7
GE 10000	16.0	36.0	38.0	39.3	40.0	42.3	43.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.7	44.7
GE 9000	16.0	36.0	38.0	39.3	40.0	42.3	43.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.7	44.7
GE 8000	16.0	36.0	38.0	39.3	40.0	42.3	43.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.7	44.7
GE 7000	16.0	36.0	38.0	39.3	40.0	42.3	43.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.7	44.7
GE 6000	16.0	36.0	38.0	39.3	40.0	42.3	43.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.7	44.7
GE 5000	16.0	36.0	38.0	39.3	40.0	42.3	43.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.7	44.7
GE 4500	16.0	36.0	38.0	39.3	40.0	42.3	43.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.7	44.7
GE 4000	16.3	37.3	39.3	40.7	41.3	43.7	44.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	46.0	46.0
GE 3500	16.3	37.7	39.7	41.0	41.7	44.0	45.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.3	46.3
GE 3000	17.3	40.3	42.3	43.7	44.3	46.7	47.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	49.0	49.0
GE 2500	18.0	41.7	43.7	45.0	45.7	48.0	49.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.3	50.3
GE 2000	18.7	45.3	48.0	50.3	51.3	53.7	54.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	56.0	56.0
GE 1800	19.0	47.0	50.0	53.3	54.7	57.0	58.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.7	59.7
GE 1500	21.0	53.0	57.3	61.7	64.3	67.0	68.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	70.0	70.0
GE 1200	23.3	59.0	66.0	72.7	77.0	79.7	82.0	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.7	83.7
GE 1000	23.7	62.0	69.7	78.3	83.0	87.0	89.7	91.0	91.3	91.3	91.3	91.3	91.7	91.7	92.0	92.0
GE 900	23.7	62.7	70.7	79.7	84.3	88.3	91.0	92.3	92.7	92.7	92.7	92.7	93.0	93.0	93.3	93.3
GE 800	23.7	63.0	71.3	81.3	86.3	90.3	93.0	94.3	94.7	94.7	94.7	94.7	95.0	95.0	95.3	95.3
GE 700	23.7	63.7	72.0	82.3	87.7	91.7	94.3	95.7	96.0	96.0	96.0	96.0	96.3	96.3	96.7	96.7
GE 600	23.7	64.0	72.3	82.7	88.0	92.0	94.7	96.0	96.3	96.7	96.7	96.7	97.0	97.3	97.7	97.7
GE 500	23.7	64.0	72.3	83.0	88.3	92.3	95.0	96.3	96.7	97.3	97.3	97.3	97.7	98.0	98.3	98.3
GE 400	23.7	64.0	72.3	83.0	88.3	92.7	95.3	96.7	97.0	97.7	97.7	97.7	98.0	98.3	98.7	98.7
GE 300	23.7	64.0	72.3	83.0	88.3	92.7	95.3	96.7	97.0	97.7	97.7	97.7	98.0	98.3	98.7	98.7
GE 200	23.7	64.0	72.3	83.0	88.3	92.7	95.3	96.7	97.0	97.7	97.7	97.7	98.3	99.0	99.3	99.3
GE 100	23.7	64.0	72.3	83.0	88.3	92.7	95.3	96.7	97.0	97.7	97.7	97.7	98.3	99.3	99.7	99.7
GE 0	23.7	64.0	72.3	83.0	88.3	92.7	95.3	96.7	97.0	97.7	97.7	97.7	98.3	99.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 300

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86

MONTH: DEC

HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	1	10.3	17.2	17.9	18.5	19.2	19.9	19.9	20.9	20.9	20.9	21.2	21.2	21.2	21.2	21.9	21.9
GE 20000	12.3	20.2	20.9	21.5	22.5	23.2	23.2	23.2	24.2	24.2	24.5	24.8	24.8	24.8	24.8	25.5	25.5
GE 18000	12.3	20.2	20.9	21.5	22.5	23.2	23.2	23.2	24.2	24.2	24.5	24.8	24.8	24.8	24.8	25.5	25.5
GE 16000	12.3	20.2	20.9	21.5	22.5	23.2	23.2	23.2	24.2	24.2	24.5	24.8	24.8	24.8	24.8	25.5	25.5
GE 14000	12.3	20.2	20.9	21.5	22.5	23.2	23.2	23.2	24.2	24.2	24.5	24.8	24.8	24.8	24.8	25.5	25.5
GE 12000	12.3	20.2	20.9	21.5	22.5	23.2	23.2	23.2	24.2	24.2	24.5	24.8	24.8	24.8	24.8	25.5	25.5
GE 10000	16.2	32.5	35.1	40.1	42.1	43.4	43.7	44.7	44.7	44.7	45.0	45.4	45.4	45.4	45.4	46.0	46.0
GE 9000	16.2	32.5	35.1	40.1	42.1	43.4	43.7	44.7	44.7	44.7	45.0	45.4	45.4	45.4	45.4	46.0	46.0
GE 8000	16.2	32.5	35.1	40.1	42.1	43.4	43.7	44.7	44.7	44.7	45.0	45.4	45.4	45.4	45.4	46.0	46.0
GE 7000	16.2	32.5	35.4	40.4	42.4	43.7	44.0	45.0	45.0	45.0	45.4	45.7	45.7	45.7	45.7	46.4	46.4
GE 6000	16.2	32.5	35.4	40.4	42.4	43.7	44.7	45.0	45.0	45.0	45.4	45.7	45.7	45.7	45.7	46.4	46.4
GE 5000	16.2	32.5	35.4	40.4	42.4	43.7	44.0	45.0	45.0	45.0	45.4	45.7	45.7	45.7	45.7	46.4	46.4
GE 4500	16.2	32.5	35.8	40.7	42.7	44.0	44.4	45.4	45.4	45.4	45.7	46.0	46.0	46.0	46.0	46.7	46.7
GE 4000	16.6	33.8	36.8	41.7	43.7	45.0	45.4	46.7	46.7	46.7	47.0	47.4	47.4	47.4	47.4	48.0	48.0
GE 3500	16.6	33.8	37.1	42.1	44.0	45.4	45.7	47.0	47.0	47.0	47.4	47.7	47.7	47.7	47.7	48.3	48.3
GE 3000	16.9	35.1	38.4	43.4	45.4	46.7	47.0	48.3	48.3	48.3	48.7	49.0	49.0	49.0	49.0	49.7	49.7
GE 2500	16.9	37.1	40.7	45.7	47.7	49.0	49.3	50.7	50.7	51.0	51.3	51.3	51.3	51.3	51.3	52.0	52.0
GE 2000	19.9	41.7	47.4	52.6	54.6	56.3	56.6	57.9	57.9	58.3	58.6	58.6	58.6	58.6	58.6	59.3	59.3
GE 1800	20.5	46.0	50.7	56.0	58.3	59.9	60.3	61.6	61.6	61.9	62.3	62.3	62.3	62.3	62.3	62.9	62.9
GE 1500	21.9	50.3	55.6	61.6	65.2	66.9	67.2	68.5	68.5	68.5	68.9	69.2	69.2	69.2	69.2	70.2	70.2
GE 1200	23.8	57.9	64.6	72.8	79.5	81.1	81.8	83.4	83.4	83.4	84.4	84.8	84.8	84.8	85.1	85.8	85.8
GE 1000	24.5	60.6	67.9	77.8	85.1	87.7	88.7	90.7	90.7	90.7	92.4	92.7	92.7	92.7	93.0	93.7	93.7
GE 900	24.5	60.6	68.2	78.1	85.8	88.7	89.7	91.7	91.7	91.7	93.4	94.0	94.0	94.0	94.0	95.0	95.0
GE 800	24.5	61.6	68.9	78.8	86.4	89.4	90.4	92.4	92.4	92.4	94.0	94.7	94.7	94.7	95.0	95.7	95.7
GE 700	24.8	62.3	69.4	80.5	88.7	91.7	92.7	95.0	95.0	95.0	96.7	97.4	97.4	97.4	97.7	98.3	98.3
GE 600	24.8	62.6	70.2	81.1	89.4	92.4	93.4	95.7	95.7	95.7	97.4	98.0	98.0	98.0	98.3	99.0	99.0
GE 500	24.8	62.9	70.5	81.5	89.7	92.7	93.7	96.0	96.0	96.0	97.7	98.3	98.3	98.3	98.7	99.3	99.3
GE 400	24.8	63.2	70.5	81.5	89.7	92.7	93.7	96.0	96.0	96.0	97.7	98.3	98.3	98.3	98.7	99.3	99.3
GE 300	25.2	63.2	70.9	81.8	90.1	93.0	94.0	96.4	96.4	96.4	98.0	98.7	98.7	98.7	99.0	99.7	99.7
GE 200	25.2	63.2	70.9	81.8	90.1	93.0	94.0	96.4	96.4	96.4	98.0	98.7	98.7	98.7	99.0	99.7	99.7
GE 100	27.2	63.6	71.2	82.1	90.4	93.4	94.4	96.7	96.7	96.7	98.3	99.0	99.0	99.0	99.3	100.0	100.0
GE 0	25.2	63.6	71.2	82.1	90.4	93.4	94.4	96.7	96.7	96.7	98.3	99.0	99.0	99.0	99.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 302

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(IST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	9.1	15.5	16.1	16.7	17.1	17.3	17.7	18.2	18.3	18.3	18.3	18.3	18.3	18.5	18.5	18.7
GE 20000	11.1	19.0	19.9	20.8	21.4	22.0	22.5	23.3	23.3	23.4	23.4	23.6	23.6	23.7	23.8	24.0
GE 18000	11.1	19.0	19.9	20.8	21.4	22.0	22.5	23.3	23.3	23.4	23.4	23.6	23.6	23.7	23.8	24.0
GE 16000	11.1	19.0	19.9	20.8	21.4	22.0	22.5	23.3	23.3	23.4	23.4	23.6	23.6	23.7	23.8	24.0
GE 14000	11.1	19.0	19.9	20.8	21.4	22.0	22.5	23.3	23.3	23.4	23.4	23.6	23.6	23.7	23.8	24.0
GE 12000	11.1	19.0	19.9	20.8	21.4	22.0	22.5	23.3	23.3	23.4	23.4	23.6	23.6	23.7	23.8	24.0
GE 10000	16.2	32.7	35.1	39.4	41.1	42.5	43.5	44.5	44.8	44.9	45.2	45.2	45.2	45.4	45.5	45.7
GE 9000	16.3	32.7	35.2	39.5	41.2	42.5	43.6	44.6	44.8	45.0	45.2	45.2	45.2	45.4	45.5	45.7
GE 8000	16.3	32.7	35.2	39.5	41.2	42.5	43.6	44.6	44.8	45.0	45.2	45.2	45.2	45.4	45.5	45.7
GE 7000	16.3	32.8	35.4	39.7	41.3	42.7	43.7	44.8	45.0	45.1	45.4	45.4	45.4	45.6	45.7	45.9
GE 6000	16.3	32.8	35.4	39.7	41.3	42.7	43.7	44.8	45.0	45.1	45.4	45.4	45.4	45.6	45.7	45.9
GE 5000	16.3	32.8	35.4	39.7	41.3	42.7	43.7	44.8	45.0	45.1	45.4	45.4	45.4	45.6	45.7	45.9
GE 4000	16.4	33.0	35.5	39.8	41.5	42.8	43.9	44.9	45.1	45.3	45.5	45.5	45.5	45.7	45.8	46.0
GE 3000	16.9	33.6	36.3	40.6	42.4	43.7	44.8	45.8	46.0	46.2	46.4	46.4	46.4	46.6	46.7	46.9
GE 2000	17.2	34.3	36.9	41.2	42.9	44.3	45.3	46.4	46.6	46.8	47.0	47.0	47.0	47.2	47.3	47.5
GE 1000	17.7	35.3	37.9	42.3	44.1	45.4	46.5	47.5	47.7	47.9	48.2	48.2	48.2	48.4	48.5	48.7
GE 20000	18.5	37.2	40.1	44.8	46.6	48.0	49.1	50.1	50.4	50.5	50.8	50.8	50.8	51.0	51.1	51.3
GE 18000	19.6	40.5	43.9	49.3	51.5	52.9	54.0	55.2	55.4	55.6	55.8	55.8	55.8	56.0	56.1	56.3
GE 16000	20.1	42.7	46.0	52.7	55.2	56.7	57.9	59.0	59.2	59.4	59.7	59.7	59.7	59.9	60.0	60.2
GE 14000	21.6	48.4	52.9	60.5	63.8	65.7	67.0	68.3	68.6	68.9	69.2	69.2	69.2	69.4	69.6	69.8
GE 12000	23.2	54.2	60.5	70.8	75.6	78.3	79.8	81.3	81.9	82.5	82.9	82.9	82.9	83.2	83.4	83.6
GE 10000	23.9	57.0	63.9	76.1	81.9	85.1	86.9	88.6	89.3	90.2	90.6	90.6	90.6	90.9	91.2	91.4
GE 9000	24.0	57.6	64.7	77.4	83.5	86.9	88.7	90.5	91.3	92.2	92.6	92.6	92.6	93.0	93.2	93.4
GE 8000	24.0	58.2	65.5	78.7	85.2	88.5	90.4	92.3	93.2	94.1	94.5	94.5	94.5	94.9	95.1	95.3
GE 7000	24.1	58.7	66.0	79.4	86.1	89.6	91.5	93.6	94.5	95.5	96.0	96.0	96.0	96.4	96.6	96.9
GE 6000	24.1	59.0	66.4	80.1	87.1	90.6	92.5	94.6	95.6	96.8	97.3	97.3	97.3	97.6	97.9	98.2
GE 5000	24.1	59.1	66.5	80.2	87.3	90.9	92.8	94.9	96.0	97.2	97.6	97.6	97.6	98.0	98.4	98.7
GE 4000	24.1	59.1	66.5	80.3	87.4	91.2	93.1	95.3	96.3	97.6	98.0	98.0	98.0	98.4	98.7	99.0
GE 3000	24.2	59.2	66.6	80.4	87.6	91.4	93.3	95.4	96.5	97.7	98.2	98.2	98.2	98.6	98.9	99.2
GE 2000	24.2	59.2	66.6	80.5	87.6	91.4	93.3	95.5	96.6	97.8	98.2	98.2	98.2	98.8	99.3	99.6
GE 1000	24.2	59.3	66.7	80.5	87.7	91.4	93.4	95.5	96.6	97.8	98.3	98.3	98.3	98.9	99.4	99.9
GE	24.2	59.3	66.7	80.5	87.7	91.4	93.4	95.5	96.6	97.8	98.3	98.3	98.3	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 2373

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-87

MONTH: ALL HOURS(IST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	16.8	23.3	24.0	24.6	24.9	25.0	25.2	25.3	25.4	25.4	25.5	25.5	25.6	25.7	25.7	25.8
GE 20000	20.3	28.8	29.8	30.7	31.1	31.4	31.6	31.7	31.8	31.9	32.0	32.0	32.1	32.2	32.2	32.3
GE 18000	20.3	28.8	29.8	30.7	31.2	31.4	31.6	31.7	31.8	31.9	32.0	32.0	32.1	32.2	32.2	32.3
GE 16000	20.3	28.8	29.8	30.7	31.2	31.4	31.6	31.7	31.8	31.9	32.0	32.0	32.1	32.2	32.2	32.3
GE 14000	20.3	28.8	29.8	30.7	31.2	31.4	31.6	31.7	31.8	31.9	32.0	32.0	32.1	32.2	32.2	32.3
GE 12000	20.3	28.8	29.8	30.7	31.2	31.4	31.6	31.7	31.8	31.9	32.0	32.0	32.1	32.2	32.2	32.3
GE 10000	30.0	45.6	47.5	49.9	50.9	51.5	51.9	52.2	52.4	52.5	52.7	52.7	52.8	53.0	53.0	53.1
GE 9000	30.0	45.6	47.5	49.9	51.0	51.5	51.9	52.2	52.4	52.5	52.7	52.7	52.8	53.0	53.0	53.1
GE 8000	30.0	45.6	47.5	49.9	51.0	51.5	51.9	52.2	52.4	52.5	52.7	52.7	52.8	53.0	53.0	53.1
GE 7000	30.0	45.6	47.5	50.0	51.0	51.6	52.0	52.3	52.4	52.6	52.8	52.8	52.9	53.0	53.1	53.2
GE 6000	30.0	45.6	47.6	50.0	51.0	51.6	52.0	52.3	52.5	52.6	52.8	52.8	52.9	53.0	53.1	53.2
GE 5000	30.2	45.9	47.8	50.2	51.3	51.9	52.2	52.6	52.7	52.9	53.0	53.0	53.2	53.3	53.3	53.4
GE 4500	30.4	46.2	48.2	50.7	51.7	52.3	52.6	53.0	53.1	53.3	53.5	53.5	53.6	53.7	53.8	53.9
GE 4000	31.2	47.6	49.6	52.0	53.1	53.7	54.0	54.4	54.6	54.7	54.9	54.9	55.0	55.1	55.2	55.3
GE 3500	32.1	48.6	50.6	53.1	54.2	54.8	55.2	55.5	55.7	55.8	56.0	56.0	56.1	56.3	56.3	56.4
GE 3000	33.2	50.4	52.5	55.0	56.1	56.7	57.1	57.4	57.6	57.7	57.9	57.9	58.1	58.2	58.2	58.3
GE 2500	36.3	55.3	57.6	60.3	61.5	62.1	62.5	62.8	63.0	63.2	63.3	63.4	63.5	63.6	63.6	63.8
GE 2000	38.4	59.7	62.3	65.4	66.7	67.4	67.8	68.2	68.4	68.6	68.8	68.8	68.9	69.0	69.1	69.2
GE 1800	39.4	62.0	64.4	68.3	69.8	70.6	71.0	71.4	71.6	71.8	72.0	72.0	72.2	72.3	72.3	72.4
GE 1500	41.0	66.4	69.7	73.9	75.7	76.6	77.1	77.6	77.9	78.1	78.3	78.3	78.5	78.6	78.6	78.8
GE 1200	43.1	72.3	76.5	82.2	84.7	86.1	86.8	87.5	87.9	88.2	88.4	88.5	88.7	88.8	88.9	89.0
GE 1000	43.7	74.5	79.1	85.7	89.6	90.2	91.2	92.0	92.4	92.9	93.1	93.2	93.4	93.6	93.6	93.7
GE 900	43.8	75.1	79.8	86.5	89.6	91.3	92.3	93.2	93.7	94.2	94.4	94.5	94.7	94.9	95.0	95.1
GE 800	43.9	75.4	80.3	87.2	90.4	92.2	93.2	94.2	94.7	95.2	95.5	95.6	95.9	96.0	96.1	96.2
GE 700	44.0	75.9	80.9	88.0	91.3	93.2	94.2	95.3	95.9	96.4	96.7	96.8	97.1	97.3	97.3	97.5
GE 600	44.0	76.1	81.1	88.4	91.8	93.7	94.8	95.9	96.5	97.1	97.5	97.6	97.9	98.0	98.1	98.2
GE 500	44.0	76.2	81.3	88.6	92.0	94.0	95.1	96.2	96.9	97.5	97.9	97.9	98.2	98.4	98.5	98.6
GE 400	44.0	76.2	81.4	88.7	92.2	94.2	95.3	96.4	97.1	97.7	98.1	98.2	98.5	98.7	98.8	98.9
GE 300	44.0	76.3	81.4	88.8	92.3	94.2	95.4	96.5	97.2	97.8	98.2	98.3	98.6	98.8	98.9	99.0
GE 200	44.0	76.3	81.4	88.8	92.3	94.2	95.4	96.5	97.2	97.8	98.2	98.3	98.8	99.2	99.3	99.4
GE 100	44.0	76.3	81.4	88.8	92.3	94.2	95.4	96.5	97.2	97.8	98.2	98.3	98.8	99.3	99.5	99.9
GE 0	44.0	76.3	81.4	88.8	92.3	94.3	95.4	96.5	97.2	97.8	98.2	98.4	98.9	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 27914

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: JAN

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	13.8	1.6		5.2	2.6	.7	.7		1.3	15.7	58.4	7.7	305
03-05	15.6	.3		3.0	4.0	1.0	1.7		3.0	12.9	59.6	7.7	302
06-08	14.4	.3		6.7	2.3	1.3	1.0		1.3	12.7	59.9	7.7	299
09-11	8.6	2.5		4.3	2.5	.7	1.4		3.6	12.5	63.8	8.2	279
12-14	7.4	1.7		4.7	2.7	.3	.3		5.7	9.1	63.0	8.4	297
15-17	3.9	2.0		5.2	2.6	.3	2.6		2.3	11.8	69.2	8.6	305
18-20	10.9	1.6		4.6	4.6	.7	2.0		3.9	14.5	57.2	7.8	304
21-23	14.7	1.3		5.2	2.0	1.0	1.6		2.9	13.7	57.5	7.6	306
TOTALS	11.2	1.4		4.9	2.9	.8	1.4		3.0	12.9	61.6	8.0	2397

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: FEB

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	19.0	1.1		3.6	2.6	.4	2.2		2.6	12.0	56.6	7.3	274
03-05	17.5	.7		4.7	2.6		1.1		2.2	13.5	57.7	7.5	274
06-08	14.2	1.1		4.4	4.0		2.2		2.9	15.0	56.2	7.6	274
09-11	5.6			2.6	2.4	.4	1.6		4.4	12.3	70.6	8.8	252
12-14	7.1	1.4		6.0	3.9	.7	2.8		5.3	13.1	59.6	8.1	282
15-17	7.2	1.8		5.6	4.0	.7	1.1		5.1	13.0	61.4	8.2	277
18-20	9.6	1.5		8.8	4.4		1.8		3.3	14.0	56.6	7.8	272
21-23	20.1			2.9	3.3	.7	3.3		5.8	10.6	53.3	7.2	274
TOTALS	12.5	1.6		4.9	3.4	.4	2.0		4.0	12.9	59.0	7.8	2179

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM FOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: MAR

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	23.9	1.3		3.6	1.6	.3	2.0		3.3	18.6	45.4	6.6	306
03-05	21.1	1.0		5.6	1.5	.3	2.6		3.9	20.4	43.4	6.9	304
06-08	7.9	3.0		7.6	2.0		.7		3.6	19.8	55.1	8.0	303
09-11	7.2	1.1		6.1	5.4	.4	2.5		5.0	16.5	55.8	8.0	278
12-14	7.3	2.3		4.3	6.3	.7	3.0		4.3	17.2	54.8	8.0	303
15-17	4.9	1.0		10.2	4.9	2.0	2.6		4.9	16.1	53.3	7.9	304
18-20	7.6	1.7		5.9	5.0	1.0	2.0		4.0	18.5	54.5	8.0	303
21-23	25.1	1.0		6.9	3.3	1.3	2.3		3.3	19.1	42.8	6.8	304
TOTALS	12.5	1.6		6.3	3.8	.8	2.2		4.0	18.3	50.7	7.6	2405

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 79-87
MONTH: APR

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	24.7	2.7		11.3	1.0	.3	2.1		4.8	15.8	37.3	6.1	292
03-05	18.4	3.4		8.5	1.0	.3	2.7		7.1	20.7	37.8	6.7	294
06-08	9.5	2.0		6.4	1.7	1.0	2.7		4.7	23.0	49.0	7.8	296
09-11	10.3	1.2		5.5	4.4	.7	2.2		5.2	22.1	47.2	7.7	271
12-14	9.4	1.0		6.4	3.7	1.7	3.0		9.1	21.1	44.6	7.7	298
15-17	5.1	4.1		8.1	6.1	1.0	3.4		8.5	20.7	43.1	7.6	295
18-20	6.5	1.8		8.9	4.5	1.0	4.1		5.1	18.2	47.9	7.6	292
21-23	12.2	4.1		11.9	5.1	.7	2.0		3.4	20.3	40.3	6.9	295
TOTALS	10.0	2.9		6.4	3.4	.8	2.4		6.0	20.2	43.4	7.3	2333

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-97
MONTH: MAY

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	7.2	3.3		11.1	8.2	1.3	4.9		7.2	21.0	35.7	7.1	305
03-05	5.6	3.6		9.8	5.9	1.6	2.6		5.6	25.2	40.0	7.5	305
06-08	7.6	2.3		7.6	3.0	.7	2.3		8.0	24.6	43.9	7.8	301
09-11	6.3	2.3		7.0	3.6	.7	2.0		8.6	22.5	47.0	7.9	302
12-14	4.6	1.3		7.5	6.2	2.0	5.6		11.8	20.0	41.0	7.6	305
15-17	4.3	3.6		7.6	5.0	2.3	7.3		7.3	25.7	37.0	7.6	303
18-20	5.7	4.7		6.4	7.4	1.3	4.3		9.4	24.4	34.4	7.3	299
21-23	6.2	4.2		6.1	8.8	1.6	4.2		5.9	23.5	37.5	7.3	307
TOTALS	5.9	3.2		8.4	6.0	1.4	4.2		8.0	23.4	39.6	7.5	2427

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-97
MONTH: JUN

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	5.8	4.8		12.9	5.8	.7	4.4		8.2	21.1	36.4	7.2	294
03-05	5.5	3.8		10.9	6.1	1.7	4.4		10.2	20.5	36.5	7.3	293
06-08	6.4	4.4		10.6	4.7	1.7	3.0		9.4	21.2	38.4	7.3	297
09-11	6.1	3.1		7.5	7.5	1.4	4.4		8.5	22.1	39.5	7.5	294
12-14	2.4	1.4		6.1	4.7	2.0	6.4		11.8	25.3	39.5	8.1	296
15-17	2.7	2.4		4.7	8.1	2.0	4.0		11.4	27.6	37.0	7.9	297
18-20	2.4	4.1		9.2	4.8	1.4	7.1		9.9	21.8	39.5	7.7	294
21-23	4.7	5.1		9.8	5.8	1.7	4.1		9.4	26.4	32.5	7.3	295
TOTALS	4.5	3.6		9.0	5.9	1.6	4.8		9.9	23.3	37.4	7.5	2360

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: JUL

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	5.9	5.6		12.5	6.9	7	4.3		5.6	19.4	39.1	7.1	304
03-05	7.1	3.6		10.4	5.5	1.0	4.5		9.4	17.5	40.9	7.3	308
06-08	5.9	3.6		9.2	4.6	7	3.3		9.5	20.0	43.3	7.6	305
09-11	4.6	6.8		9.1	5.2	1.0	2.3		7.5	21.5	42.0	7.5	307
12-14	4.9	2.6		6.3	6.6	3.6	6.3		12.2	20.4	37.2	7.6	304
15-17	2.0	4.9		5.2	5.9	2.6	5.9		15.4	23.9	34.3	7.7	306
18-20	3.6	4.6		8.3	6.3	2.3	5.0		10.9	20.2	38.7	7.5	302
21-23	5.2	3.9		9.6	5.9	1.6	5.5		6.2	23.1	38.8	7.4	307
TOTALS	4.9	4.5		8.9	5.9	1.7	4.6		9.6	20.8	39.3	7.5	2443

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: AUG

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	6.5	3.3		9.8	5.6	3	4.2		10.8	22.9	36.6	7.4	306
03-05	4.6	4.6		6.9	4.6	1.7	3.6		10.2	23.4	40.3	7.7	303
06-08	5.3	3.3		6.3	3.3	2.3	3.7		7.3	25.9	45.5	8.1	301
09-11	3.6	1.3		5.2	5.6	7	3.9		7.9	24.6	47.2	8.2	305
12-14	2.3	1.0		4.7	3.3	1.3	4.3		9.6	28.2	45.2	8.4	301
15-17	1.0	1.6		6.8	6.2	1.6	5.8		11.7	25.0	40.3	8.1	308
18-20	2.3	2.0		6.0	8.0	3.7	5.3		8.3	27.3	37.0	7.9	300
21-23	3.3	3.3		10.8	7.9	1.3	2.3		6.6	21.6	43.0	7.6	305
TOTALS	5.4	2.4		7.1	5.6	1.6	4.1		9.1	24.9	41.9	7.9	2429

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: SEP

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
01-02	14.8	1.7		5.8	3.8	1.7	1.0		6.2	19.2	45.7	7.3	241
03-05	13.4	1.7		5.5	1.7	.3	2.4		6.9	18.6	49.5	7.6	241
06-08	3.1	3.1		3.8	3.1	1.0	2.4		6.2	21.5	55.7	8.5	269
09-11	3.0	2.4		3.4	1.3	.7	2.7		4.7	22.6	59.3	8.7	247
12-14	1.4	.7		3.6	3.1	.7	3.5		10.7	24.2	51.9	6.7	269
15-17	.7	1.7		4.4	2.4	1.4	3.7		9.5	30.3	45.9	8.6	244
18-20	2.4	1.4		6.6	3.1	1.4	2.8		8.6	23.1	40.7	8.4	240
21-23	7.0	2.3		10.7	4.7	.7	3.0		6.4	19.4	45.8	7.6	249
TOTALS	5.7	1.9		5.5	2.9	1.0	2.7		7.4	22.4	50.6	8.2	2340

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: OCT

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
01-02	6.7	1.3		4.7	3.0	.7	3.0		5.0	17.4	58.1	8.3	298
03-05	6.2	1.6		6.6	2.6		1.6		4.3	19.7	57.4	8.3	305
06-08	3.6	1.7		4.3	3.6	.7	1.0		3.3	20.5	61.3	8.6	302
09-11	1.8	1.1		4.2	2.8	.4	1.4		3.9	19.8	64.7	8.9	253
12-14	.7	1.7		3.4	2.7	1.0	2.7		5.4	22.5	60.1	8.9	298
15-17	2.0	2.0		3.3	4.0	.7	1.0		5.6	21.8	59.7	8.8	303
18-20	3.0	4.0		4.4	2.7	1.0	1.7		4.0	21.9	57.2	8.4	297
21-23	6.2	2.9		4.6	2.6	.3	1.3		4.2	22.2	55.6	8.3	306
TOTALS	3.8	2.0		4.4	3.0	.6	1.7		4.5	20.7	59.3	8.6	2392

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MPC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM FOURLY OBSERVATIONS

STATION NUMBER: 225507 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: NOV

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (EST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	4.4	1.0		3.1	2.4		.7		2.0	21.4	65.1	8.6	295
03-05	4.5	1.7		3.4	2.4		1.0		3.4	17.1	66.4	8.7	292
06-08	5.1	.7		2.4	1.7		1.0		3.1	19.7	66.3	8.9	294
09-11	1.1	.7		2.5	1.8		1.5		2.2	22.5	67.6	9.2	275
12-14	1.4	1.4		3.1	1.0	.3	2.4		1.7	18.9	69.8	9.1	291
15-17	1.0	.7		3.4	2.4		1.0		3.1	19.0	69.4	9.2	294
18-20	4.4	1.0		2.4	1.7		2.4		5.1	20.1	62.8	8.6	293
21-23	5.4	.7		4.4	1.4	.7	3.4		3.4	16.9	63.9	8.6	296
TOTALS	7.4	1.0		3.1	1.9	.1	1.7		3.0	19.5	66.4	8.9	2330

STATION NUMBER: 225507 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: DEC

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (EST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	12.1	1.3		2.6	2.3	1.0	2.0		1.6	16.3	60.9	8.0	307
03-05	12.4	.3		4.2	2.6	.3	2.6		3.6	16.0	57.8	7.9	306
06-08	4.3	1.3		5.0	2.7	1.0	2.0		2.7	16.9	60.1	8.2	301
09-11	5.0	1.4		4.3	3.6	.7	1.8		4.3	14.0	64.7	8.5	278
12-14	3.9	1.0		7.3	1.6	.7	2.0		4.9	14.3	68.4	8.8	307
15-17	2.3	1.0		4.3	4.3	1.3	4.9		2.3	11.8	67.8	8.7	304
18-20	10.2	1.0		6.9	1.3	.3	3.9		4.9	15.5	55.9	7.9	304
21-23	11.8	1.0		3.9	2.6	1.0	1.0		5.2	14.4	59.0	8.0	305
TOTALS	4.3	1.0		4.3	2.6	.8	2.5		3.7	14.9	61.8	8.3	2412

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-87
MONTH: ALL

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
	HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN
TOTAL OBS													
JAN	ALL	11.2	1.4		4.9	2.9	.9	1.4		5.0	12.9	61.6	8.0
FEB		12.5	1.0		4.9	3.4	.4	2.0		4.0	12.9	59.0	7.8
MAR		12.5	1.6		6.3	3.8	.8	2.2		4.7	14.3	50.7	7.6
APR		12.0	2.9		8.4	3.4	.8	2.8		6.7	20.2	43.4	7.3
MAY		5.9	3.2		8.4	6.0	1.4	4.2		6.3	23.4	39.6	7.5
JUN		4.5	3.6		9.0	5.9	1.6	4.8		9.9	23.3	37.4	7.5
JUL		4.9	4.5		8.9	5.9	1.7	4.6		9.6	20.8	39.3	7.5
AUG		3.4	2.4		7.1	5.6	1.6	4.1		9.1	24.9	41.9	7.9
SEP		5.7	1.9		5.5	2.9	1.0	2.7		7.4	22.4	50.6	8.2
OCT		3.8	2.0		4.4	3.0	.6	1.7		4.5	20.7	59.3	8.6
NOV		3.4	1.0		3.1	1.9	.1	1.7		3.0	19.5	66.4	8.9
DEC		8.3	1.0		4.3	2.6	.8	2.5		3.7	14.9	61.8	8.3
TOTALS		7.3	3.2		6.3	3.9	1.0	2.9		6.0	19.5	53.9	7.9

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TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY MAXIMUM (MINIMUM AND MEAN) TEMPERATURES

PERCENTAGE TABULATIONS PRESENTED BY 5-DEGREE FAHRENHEIT INCREMENTS PLUS THE MEAN, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNT.

THE MINIMUM TABLE ALSO INCLUDES A 33 DEGREE FAHRENHEIT VALUE.

SINCE MANY STATIONS/SITES DO NOT HAVE MAXIMUM/MINIMUM THESE TEMPERATURES WERE SELECTED BY SCANNING THE HOURLY OBSERVATIONS FOR THE HIGHEST AND LOWEST VALUES.

STATISTICS DO NOT INCLUDE INCOMPLETE MONTHS.

FOUR OR MORE COMPLETE MONTHS ARE REQUIRED FOR COMPUTING

EXTREME MAXIMUM AND MINIMUM VALUES

DATA DERIVED FROM EXTRACTING THE HIGH AND LOW TEMPERATURES FROM THE HOURLY OBSERVATIONS.

PRESENTED ARE THE HIGHEST (LOWEST) TEMPERATURE FOR THE MONTH FOR EACH YEAR.

ALSO PRESENTED ARE STATISTICAL VALUES WITH THE SAME LIMITATIONS MENTIONED ABOVE.

AN ASTERISK INDICATES AN INCOMPLETE MONTH.

MEANS AND STANDARD DEVIATIONS FOR DRY BULB (WET BULB AND DEW POINT) TEMPERATURES

DATA DERIVED FROM HOURLY OBSERVATIONS.

DATA PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE MEANS, STANDARD DEVIATION AND OBSERVATION COUNTS.

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PERCENTAGE VALUES PRESENTED IN 10 DEGREE INCREMENTS OF RELATIVE HUMIDITY.

ALSO PRESENTED ARE THE MEAN VALUES AND OBSERVATION COUNTS.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DRY-BULB TEMPERATURES DEG F FROM
HOLPLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02	MEAN	4.6	7.1	18.3	27.0	39.5	49.0	54.1	50.2	43.7	33.6	25.6	11.2	30.4
	SD	18.024	14.667	12.820	8.869	9.067	9.741	7.161	7.959	6.747	6.778	10.419	16.478	20.217
	TOT OPS	305	274	306	293	303	293	304	306	290	297	295	307	3573
03-05	MEAN	5.4	7.3	17.6	25.9	38.0	47.1	52.2	49.4	43.2	34.0	26.0	12.3	30.0
	SD	18.471	15.157	13.706	9.819	8.937	9.816	7.783	7.932	6.856	8.577	10.507	16.395	19.752
	TOT OPS	301	274	303	294	302	293	307	297	288	304	292	306	3563
06-08	MEAN	4.5	5.7	15.7	24.6	39.4	49.6	54.2	48.8	41.6	32.5	25.0	11.3	29.6
	SD	18.522	15.221	14.094	9.940	8.680	9.462	6.906	7.838	6.944	8.524	10.551	16.454	20.478
	TOT OPS	297	274	303	295	301	297	305	300	297	301	293	299	3552
09-11	MEAN	4.3	6.9	18.1	30.4	45.2	55.1	59.6	54.2	44.8	33.8	24.7	10.9	33.2
	SD	18.633	15.174	12.923	8.519	10.314	10.908	7.499	7.516	6.254	8.388	10.978	16.396	22.657
	TOT OPS	276	251	270	270	302	294	307	305	296	282	273	278	3414
12-14	MEAN	5.4	9.8	24.0	34.8	49.5	58.9	63.6	58.4	49.3	35.4	25.8	12.0	35.7
	SD	17.857	12.985	10.513	8.827	11.740	11.571	6.420	8.635	6.965	7.338	10.470	15.829	22.645
	TOT OPS	296	280	303	297	305	296	303	301	286	298	289	305	3563
15-17	MEAN	5.6	11.5	27.0	36.6	51.2	60.6	65.0	59.8	50.9	36.5	26.0	11.4	37.0
	SD	17.162	12.045	9.396	8.885	11.935	11.564	8.426	8.997	7.365	7.758	10.557	16.040	22.890
	TOT OPS	304	276	302	294	301	295	305	308	293	304	293	304	3579
18-20	MEAN	5.1	9.5	25.0	35.4	49.9	59.5	64.3	58.5	48.8	34.7	25.4	11.0	35.7
	SD	17.771	13.154	9.720	8.503	11.124	11.354	8.106	8.273	7.125	7.456	10.892	16.316	22.905
	TOT OPS	305	272	303	291	296	295	302	300	290	296	292	304	3546
21-23	MEAN	4.7	7.9	21.1	30.5	45.2	55.6	60.2	53.1	44.8	33.9	25.0	11.0	32.9
	SD	18.094	14.103	11.567	8.069	10.271	10.162	6.851	7.709	7.124	8.505	10.842	16.520	21.622
	TOT OPS	306	274	304	294	306	295	306	304	299	305	294	304	3591
ALL HOURS	MEAN	5.0	8.3	20.9	30.6	44.7	54.4	59.1	54.1	45.9	34.3	25.4	11.4	33.1
	SD	18.044	14.196	12.539	9.924	11.424	11.673	9.015	9.104	7.586	8.298	10.645	16.287	21.767
	TOT OPS	2392	2177	2402	2326	2416	2358	2439	2423	2331	2387	2321	2407	28381

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WET-BULB TEMPERATURES DEG F FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02	MEAN	4.3	6.9	17.5	25.4	36.7	46.0	51.6	48.4	42.5	32.6	24.9	10.9	29.1
	SD	17.771	14.317	12.356	8.469	8.171	8.938	6.661	7.478	6.479	8.435	10.160	16.235	15.342
	TOT OBS	305	272	306	293	300	293	304	305	290	297	294	307	3566
03-05	MEAN	5.1	7.0	16.9	24.6	35.8	44.8	50.4	48.0	42.2	33.2	25.3	12.5	26.9
	SD	18.211	14.882	13.304	9.406	8.176	9.173	7.298	7.497	6.629	8.331	13.217	16.154	19.106
	TOT OBS	300	274	302	294	302	293	307	299	287	304	291	304	3557
06-08	MEAN	4.2	5.4	15.2	23.5	36.7	46.2	51.7	47.5	40.8	31.8	24.5	11.0	28.4
	SD	18.326	14.991	13.795	9.421	7.987	8.834	6.732	7.459	6.750	8.274	10.333	16.219	19.661
	TOT OBS	296	274	303	293	299	297	304	300	284	300	293	299	3542
09-11	MEAN	4.0	6.7	17.3	27.9	40.0	48.8	54.6	51.0	43.2	32.9	24.1	10.6	30.9
	SD	18.348	14.898	12.361	8.006	8.434	9.211	6.695	6.894	6.050	8.215	10.763	16.085	20.319
	TOT OBS	278	250	277	268	299	294	307	305	286	279	268	276	3397
12-14	MEAN	5.1	9.2	22.3	30.7	41.8	50.4	56.3	52.7	45.7	33.9	25.1	11.6	32.2
	SD	17.557	12.560	9.735	7.590	8.517	8.630	6.445	6.996	6.145	7.155	10.208	15.635	15.879
	TOT OBS	296	281	302	296	300	295	302	299	288	295	288	301	3543
15-17	MEAN	5.3	11.2	24.5	31.8	42.7	51.4	56.9	53.2	46.4	34.6	25.2	11.0	33.0
	SD	16.919	11.583	8.501	7.429	8.470	8.563	5.973	6.918	6.239	7.380	10.212	15.780	15.742
	TOT OBS	299	275	301	294	300	294	302	308	292	302	292	304	3563
18-20	MEAN	4.8	9.1	23.2	31.2	42.5	50.9	56.9	53.0	45.7	33.4	24.7	10.7	32.2
	SD	17.464	12.424	8.963	7.282	8.272	8.737	6.044	6.847	6.467	7.623	10.597	16.026	20.170
	TOT OBS	304	272	302	288	296	293	302	300	289	295	291	303	3535
21-23	MEAN	4.5	7.4	20.0	28.0	40.4	49.7	55.5	50.4	43.1	32.8	24.3	10.8	30.8
	SD	17.822	13.726	10.979	7.640	8.387	8.690	5.998	7.056	6.719	8.167	10.554	16.296	20.005
	TOT OBS	306	272	303	293	305	294	306	304	298	305	292	301	3579
ALL HOURS	MEAN	4.7	7.9	19.6	27.9	39.6	48.5	54.2	50.5	43.7	33.2	24.8	11.1	30.7
	SD	17.781	13.843	11.818	8.714	8.696	9.168	6.935	7.465	6.691	7.989	10.369	16.038	19.643
	TOT OBS	2384	2170	2396	2319	2401	2353	2434	2420	2324	2377	2309	2395	28282

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DEW-POINT TEMPERATURES DEG F FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02	MEAN	1.9	3.7	14.3	21.0	32.5	42.7	49.4	46.8	41.2	30.3	22.7	6.1	26.3
	SD	18.771	14.873	12.902	9.992	9.082	9.597	7.147	7.598	6.850	8.951	10.972	17.054	20.086
	TOT OBS	305	272	306	293	300	293	304	305	290	297	294	307	3566
03-05	MEAN	1.6	3.6	14.0	20.9	32.4	42.4	48.9	46.8	41.2	31.5	23.2	9.1	26.4
	SD	19.165	15.347	13.790	10.429	8.774	9.622	7.467	7.588	7.024	9.018	10.992	16.995	19.986
	TOT OBS	300	274	302	294	302	293	307	299	287	304	291	304	3557
06-08	MEAN	1.9	2.1	12.4	20.0	32.6	42.5	49.5	46.2	39.9	30.2	22.4	8.0	25.7
	SD	19.255	15.590	14.398	10.311	8.857	9.826	7.369	7.669	7.383	9.649	11.158	17.070	20.374
	TOT OBS	296	274	303	293	299	297	304	300	284	300	293	299	3542
09-11	MEAN	1.6	3.3	13.6	22.3	32.9	42.3	50.4	48.1	41.5	31.1	21.9	7.7	27.1
	SD	19.200	15.658	12.846	10.060	9.324	10.406	7.745	7.439	6.573	8.992	11.493	16.870	20.498
	TOT OBS	278	250	277	268	299	294	307	305	296	274	268	276	3397
12-14	MEAN	1.6	5.4	16.9	22.6	31.9	41.9	50.2	47.6	41.8	31.1	22.7	8.6	27.0
	SD	18.468	13.017	10.848	9.857	9.745	10.142	7.537	7.730	7.062	9.463	10.943	16.547	19.556
	TOT OBS	296	281	302	296	300	295	302	299	288	295	288	301	3543
15-17	MEAN	1.6	6.4	18.2	22.8	31.9	42.6	50.3	47.4	41.5	31.3	22.8	8.1	27.3
	SD	17.851	12.785	9.962	9.876	9.892	9.941	7.044	7.738	7.418	8.766	10.952	16.626	19.276
	TOT OBS	299	275	301	294	300	294	302	308	292	302	292	304	3563
18-20	MEAN	1.4	5.3	18.0	23.1	33.0	42.4	51.0	48.1	42.3	30.4	22.4	7.9	27.2
	SD	18.315	13.276	10.320	9.709	9.736	10.293	7.200	7.679	7.291	8.768	11.266	16.798	19.856
	TOT OBS	304	272	302	288	296	293	302	300	289	295	291	303	3535
21-23	MEAN	1.1	3.9	16.1	22.2	33.9	43.8	51.7	48.0	41.3	30.7	22.1	7.8	27.1
	SD	18.620	14.204	11.803	9.902	9.156	10.024	6.995	7.388	7.239	8.850	11.283	17.203	20.315
	TOT OBS	306	272	303	293	305	294	306	304	296	305	292	301	3579
ALL	MEAN	1.2	4.3	15.5	21.9	32.6	42.6	50.2	47.4	41.3	31.0	22.5	8.2	26.8
HOURS	SD	18.683	14.335	12.347	10.055	9.334	9.983	7.355	7.622	7.094	8.833	11.120	16.878	19.999
TOT OBS		2884	2170	2396	2319	2401	2353	2434	2420	2324	2377	2339	2395	28282

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM FOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 75-87
MONTH: JAN

MONTH	HOURS 1LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	100.0	100.0	99.7	99.3	96.4	73.4	26.9	84.2	305
	03-05	100.0	100.0	100.0	99.0	99.0	99.0	97.3	76.3	29.7	84.2	300
	06-08	100.0	100.0	100.0	100.0	100.0	99.7	96.3	71.6	27.4	84.4	296
	09-11	100.0	100.0	100.0	100.0	100.0	100.0	96.4	66.2	26.6	83.8	276
	12-14	100.0	100.0	100.0	99.7	99.7	99.0	96.3	68.9	25.3	83.8	296
	15-17	100.0	100.0	100.0	99.7	99.7	99.3	97.0	69.9	25.1	83.9	299
	18-20	100.0	100.0	100.0	100.0	100.0	99.7	96.7	71.4	27.3	84.1	304
	21-23	100.0	100.0	100.0	100.0	100.0	99.7	98.0	72.2	26.8	84.2	300
	TOTALS	100.0	100.0	100.0	99.8	99.8	99.5	96.8	71.2	27.1	84.1	2384

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: FEB

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	[RELATIVE HUMIDITY]	NUM
FEB	00-02	100.0	100.0	100.0	100.0	99.6	98.9	96.0	78.7	36.0	85.3	272
	03-05	100.0	100.0	100.0	100.0	99.6	98.5	96.0	79.6	29.9	84.9	274
	06-08	100.0	100.0	100.0	100.0	100.0	98.5	96.0	78.8	30.3	85.1	274
	09-11	100.0	100.0	100.0	100.0	100.0	98.4	75.2	75.6	29.2	84.6	251
	12-14	100.0	100.0	100.0	100.0	98.9	97.5	92.2	63.0	22.4	82.3	281
	15-17	100.0	100.0	100.0	100.0	98.2	95.6	88.0	56.4	16.4	80.5	271
	18-20	100.0	100.0	100.0	100.0	99.3	97.8	93.4	73.2	20.6	83.2	272
	21-23	100.0	100.0	100.0	100.0	99.6	97.4	93.8	76.1	26.8	84.0	272
	TOTALS	100.0	100.0	100.0	100.0	99.4	97.8	93.8	72.7	26.5	83.7	2171

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-97
MONTH: MAR

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NOB OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	99.7	98.7	97.4	90.2	74.8	34.3	84.6	306
	03-05	100.0	100.0	100.0	100.0	99.7	98.0	93.4	81.1	41.1	86.0	302
	06-08	100.0	100.0	100.0	100.0	99.7	99.0	95.4	81.2	43.2	86.8	303
	09-11	100.0	100.0	100.0	100.0	98.9	97.5	89.2	70.8	27.4	83.3	277
	12-14	100.0	100.0	100.0	99.0	94.7	85.4	67.9	37.1	9.9	74.9	302
	15-17	100.0	100.0	100.0	97.0	91.4	75.4	54.5	28.2	7.3	70.6	301
	18-20	100.0	100.0	100.0	97.0	93.7	83.4	67.2	42.1	14.9	75.4	302
	21-23	100.0	100.0	100.0	99.7	98.0	93.7	81.5	61.4	27.4	81.4	303
	TOTALS	100.0	100.0	100.0	99.3	96.9	91.2	79.9	59.6	25.7	80.4	2396

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 205500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: APR

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NOB OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	100.0	99.7	94.2	86.3	72.7	52.9	30.7	79.1	293
	03-05	100.0	100.0	100.0	100.0	97.6	91.8	79.9	63.9	33.7	92.1	294
	06-08	100.0	100.0	100.0	99.7	97.6	94.5	85.0	64.8	37.2	93.3	293
	09-11	100.0	100.0	100.0	99.3	91.0	77.2	58.2	39.6	14.6	73.2	266
	12-14	100.0	100.0	97.6	90.5	71.3	54.4	34.8	23.0	5.4	63.3	296
	15-17	100.0	100.0	97.3	87.3	63.9	46.3	29.3	17.7	6.8	60.1	294
	18-20	100.0	100.0	98.3	87.2	72.6	53.1	34.0	20.1	7.3	63.0	286
	21-23	100.0	100.0	100.0	96.6	88.4	76.8	57.3	36.5	15.0	72.8	293
	TOTALS	100.0	100.0	99.2	94.5	84.6	72.6	56.4	39.8	18.8	72.1	2315

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: MAY

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	99.0	96.0	84.7	68.0	48.3	22.7	77.3	300
	03-05	100.0	100.0	100.0	100.0	99.3	93.4	77.5	58.3	29.7	80.9	300
	06-08	100.0	100.0	100.0	100.0	98.3	91.0	88.9	43.5	16.7	77.2	299
	09-11	100.0	100.0	99.3	92.3	75.6	55.2	32.1	17.7	8.4	63.9	299
	12-14	100.0	99.0	88.7	71.7	54.0	31.7	19.2	12.3	6.7	54.1	300
	15-17	100.0	98.0	82.3	65.3	49.0	30.0	18.0	10.7	4.7	51.8	300
	18-20	100.0	99.0	91.2	74.3	56.8	34.8	22.0	15.5	6.8	55.8	298
	21-23	100.0	100.0	99.0	94.4	82.0	61.0	38.7	22.0	11.1	66.6	300
	TOTALS	100.0	99.5	95.1	87.1	76.3	60.2	43.1	28.5	13.2	66.0	2401

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87
MONTH: JUN

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NOB
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	99.7	96.2	89.1	78.2	57.7	25.9	80.2	292
	03-05	100.0	100.0	100.0	99.7	99.7	94.5	84.6	68.9	39.2	84.6	293
	06-08	100.0	100.0	100.0	100.0	97.3	88.9	69.0	41.8	19.2	77.2	297
	09-11	100.0	99.7	98.6	93.2	78.2	54.8	36.1	18.7	8.2	64.3	294
	12-14	100.0	100.0	95.3	77.3	54.2	38.0	24.7	11.2	4.1	56.2	295
	15-17	100.0	99.7	93.2	71.8	52.0	37.8	20.7	10.5	4.4	54.8	294
	18-20	100.0	99.7	95.6	75.4	57.0	38.6	25.6	14.7	6.5	56.6	293
	21-23	100.0	100.0	99.0	93.2	81.6	61.6	37.4	24.8	11.6	66.7	294
TOTALS		100.0	99.6	97.7	88.8	77.0	62.9	47.0	31.0	14.9	67.6	2353

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 78-87

MONTH: JUL

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM OBS
JUL	00-02	100.0	100.0	100.0	100.0	99.3	96.7	88.5	70.4	34.1	84.8	304
	03-05	100.0	100.0	100.0	100.0	99.7	99.3	95.4	82.7	53.4	89.7	307
	06-08	100.0	100.0	100.0	100.0	100.0	98.4	92.1	69.1	29.9	84.4	304
	09-11	100.0	100.0	100.0	99.7	95.9	80.1	56.4	28.0	13.4	72.8	307
	12-14	100.0	100.0	98.7	93.7	79.1	53.6	34.1	16.2	7.0	63.8	301
	15-17	100.0	100.0	98.7	90.1	69.9	46.4	28.1	13.6	6.0	61.0	301
	18-20	100.0	100.0	99.3	93.0	74.5	55.0	33.4	19.9	7.3	64.1	302
	21-23	100.0	100.0	100.0	98.4	96.1	83.0	64.4	36.3	12.7	74.5	301
	TOTALS	100.0	100.0	99.6	96.9	89.3	76.6	61.6	42.0	21.0	74.3	2434

RELATIVE HUMIDITY

PERIOD OF RECORD: 79-87
MONTH: AUG

STATION	DATE	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%			
1	1-1-57	100.0	100.0	100.0	100.0	100.0	99.7	95.4	83.3	51.9	88.5	301	
2	1-2-57	100.0	100.0	100.0	100.0	99.7	99.7	99.0	89.6	63.2	90.9	299	
3	1-3-57	100.0	100.0	100.0	100.0	99.7	99.7	99.3	89.7	59.0	90.7	300	
4	1-4-57	100.0	100.0	100.0	100.0	99.3	94.1	82.3	48.5	21.3	80.4	331	
5	1-5-57	100.0	100.0	100.0	97.7	90.0	70.2	45.5	20.1	9.0	69.8	299	
6	1-6-57	100.0	100.0	100.0	97.8	80.8	58.4	36.4	18.2	7.0	65.5	301	
7	1-7-57	100.0	100.0	100.0	99.0	89.0	73.3	48.7	23.3	10.7	70.0	300	
8	1-8-57	100.0	100.0	100.0	99.7	99.0	97.7	88.8	62.5	24.7	83.3	304	
9	1-9-57	100.0	100.0	100.0	99.9	94.7	86.6	74.4	54.4	30.9	79.8	2420	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 79-87
MONTH: SEP

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NOB OBS	
SEP	00-02	100.0	100.0	100.0	100.0	99.7	99.7	98.6	89.0	65.2	90.4	290	
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.0	93.0	69.7	92.4	287	
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	99.3	95.8	76.3	93.3	284	
	09-11	100.0	100.0	100.0	100.0	99.7	99.3	97.3	81.8	49.7	88.2	296	
	12-14	100.0	100.0	100.0	99.7	97.2	86.5	66.3	42.7	17.4	76.5	288	
	15-17	100.0	100.0	100.0	98.6	90.8	73.6	53.1	30.9	11.6	71.5	292	
	18-20	100.0	100.0	100.0	100.0	98.3	93.4	75.1	49.8	14.7	79.0	289	
	21-23	100.0	100.0	100.0	100.0	99.7	98.0	95.3	77.9	50.0	87.6	298	
	TOTALS	100.0	100.0	100.0	99.8	98.2	93.8	85.5	70.1	44.8	84.9	2324	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 225500 STATION NAME: ARKANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: OCT

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	[RELATIVE HUMIDITY]	NUP	OBS
OCT	00-02	100.0	100.0	100.0	100.0	99.7	99.3	96.0	89.6	59.9	89.8	297	
	03-05	100.0	100.0	100.0	100.0	99.3	99.0	96.7	89.8	69.1	90.8	304	
	06-08	100.0	100.0	100.0	100.0	100.0	99.3	97.7	92.7	67.7	91.3	300	
	09-11	100.0	100.0	100.0	100.0	99.6	99.6	97.8	88.9	60.2	90.2	279	
	12-14	100.0	100.0	100.0	99.7	99.3	96.6	85.8	67.1	41.7	85.0	295	
	15-17	100.0	100.0	100.0	100.0	97.7	92.4	77.2	60.6	36.8	82.0	302	
	18-20	100.0	100.0	100.0	100.0	99.3	97.3	89.2	74.6	45.1	86.2	295	
	21-23	100.0	100.0	100.0	100.0	99.7	98.7	94.8	81.3	54.4	88.4	305	
TOTALS		100.0	100.0	100.0	100.0	99.3	97.9	91.9	80.6	54.1	88.0	2377	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86
MONTH: NOV

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	99.7	99.7	99.7	97.6	88.1	55.4	86.9	294
	03-05	100.0	100.0	100.0	100.0	99.7	99.3	96.3	90.7	54.0	89.3	291
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	98.3	89.8	56.3	89.6	293
	09-11	100.0	100.0	100.0	100.0	100.0	100.0	98.9	88.8	51.1	89.0	266
	12-14	100.0	100.0	100.0	100.0	100.0	100.0	97.9	85.4	44.4	85.1	286
	15-17	100.0	100.0	100.0	100.0	100.0	99.3	97.6	83.6	42.8	87.5	292
	18-20	100.0	100.0	100.0	100.0	100.0	99.3	97.3	88.3	50.9	88.6	291
	21-23	100.0	100.0	100.0	100.0	99.7	99.7	98.3	89.7	52.7	88.9	292
	TOTALS	100.0	100.0	100.0	100.0	99.9	99.7	98.0	88.1	51.0	88.7	2336

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-86
MONTHS: DEC

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-07	100.0	100.0	100.0	100.0	100.0	100.0	99.7	83.4	39.1	86.9	307
	08-05	100.0	100.0	100.0	100.0	100.0	99.7	98.0	84.5	39.8	86.6	304
	06-08	100.0	100.0	100.0	100.0	99.7	99.3	98.0	82.6	37.1	86.3	295
	09-11	100.0	100.0	100.0	100.0	99.6	99.6	98.9	81.2	39.8	86.4	276
	12-14	100.0	100.0	100.0	100.0	99.7	99.3	97.3	81.7	34.2	86.1	301
	15-17	100.0	100.0	100.0	100.0	100.0	100.0	99.0	83.9	34.2	86.4	304
	18-20	100.0	100.0	100.0	100.0	100.0	100.0	98.7	82.8	35.3	86.5	303
	21-23	100.0	100.0	100.0	100.0	100.0	99.7	98.0	83.4	35.9	86.3	301
TOTALS		100.0	100.0	100.0	100.0	99.9	99.7	98.5	82.9	36.7	86.4	2395

GLOBAL CLIMATOLOGY BRANCH
USAFETAL
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-87
MONTH: ALL

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM OBS	
JAN	ALL	100.0	100.0	100.0	99.8	99.8	99.5	96.8	71.2	27.1	84.1	2384	
FEB		100.0	100.0	100.0	100.0	99.4	97.8	93.8	72.7	26.5	83.7	2170	
MAR		100.0	100.0	100.0	99.3	96.0	91.2	79.9	59.6	25.7	80.4	2398	
APR		100.0	100.0	99.7	94.5	84.6	72.6	56.4	39.8	18.9	72.1	2315	
MAY		100.0	99.9	95.1	87.1	76.3	60.2	45.1	28.5	13.3	66.0	2401	
JUN		100.0	99.9	97.7	88.8	77.0	62.9	47.0	31.0	14.9	67.6	2353	
JUL		100.0	100.0	99.6	96.9	89.3	76.6	61.6	42.0	21.0	74.3	2434	
AUG		100.0	100.0	100.0	98.9	94.7	86.6	74.4	54.4	30.8	79.8	2420	
SEP		100.0	100.0	100.0	99.8	98.2	93.8	85.5	70.1	44.8	84.9	2324	
OCT		100.0	100.0	100.0	100.0	99.3	97.8	91.9	80.6	54.1	88.0	2377	
NOV		100.0	100.0	100.0	100.0	99.9	99.7	98.0	88.1	51.0	88.7	2309	
DEC		100.0	100.0	100.0	100.0	99.9	99.7	98.5	82.0	36.7	86.4	2395	
TOTALS		100.0	100.0	99.3	97.1	92.9	86.5	77.2	60.1	30.4	79.7	28282	

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PRESSURE SUMMARIES

STATION PRESSURE SUMMARIES

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.

SEA LEVEL PRESSURE SUMMARIES

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SEA LEVEL PRESSURE IN MRS FROM
FOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	MEAN	1010.2	1017.7	1016.5	1013.5	1016.8	1011.5	1010.9	1011.6	1009.7	1009.0	1007.6	1009.1	1012.0
	SD	15.791	15.897	14.585	9.926	7.800	6.879	6.951	7.330	9.446	11.714	14.526	15.416	12.193
	TOT OBS	200	270	305	291	303	292	303	304	291	286	293	307	3555
03	MEAN	1010.1	1016.1	1016.4	1013.2	1016.8	1011.5	1011.0	1011.7	1009.6	1008.3	1007.6	1009.0	1011.9
	SD	15.705	15.731	14.230	10.371	8.026	7.138	7.188	7.608	9.696	11.489	14.390	15.271	12.323
	TOT OBS	200	272	302	293	304	273	306	301	289	303	292	304	3559
06	MEAN	1010.1	1017.6	1016.4	1013.1	1016.9	1011.6	1011.7	1011.5	1009.4	1008.4	1007.5	1008.7	1011.9
	SD	15.597	15.531	14.140	10.442	8.209	7.277	7.274	7.724	9.842	11.935	14.651	15.052	12.369
	TOT OBS	298	273	303	295	299	293	304	299	297	299	291	298	3539
09	MEAN	1010.2	1017.7	1017.2	1013.2	1016.9	1011.6	1011.1	1011.5	1009.8	1008.1	1007.9	1008.5	1011.9
	SD	16.216	15.247	14.374	10.893	8.204	7.378	7.214	7.786	9.831	12.087	14.647	15.220	12.413
	TOT OBS	276	260	276	270	301	291	305	301	296	282	272	277	3401
12	MEAN	1010.5	1019.5	1016.5	1013.4	1017.0	1011.4	1011.2	1011.4	1009.5	1008.7	1007.7	1009.1	1012.0
	SD	16.110	15.357	14.217	10.523	8.060	7.204	7.045	7.725	9.836	12.587	14.601	15.245	12.379
	TOT OBS	277	279	301	297	304	295	304	300	289	293	288	300	3553
15	MEAN	1010.5	1019.5	1016.5	1013.4	1016.8	1011.2	1010.9	1011.4	1009.7	1008.3	1007.9	1009.1	1012.0
	SD	16.090	15.388	14.152	10.285	7.867	7.021	6.860	7.469	9.548	11.428	14.567	15.404	12.277
	TOT OBS	302	274	303	292	299	297	305	307	293	302	292	301	3567
18	MEAN	1010.4	1019.2	1016.6	1013.2	1016.5	1011.2	1010.8	1011.4	1009.5	1009.0	1007.9	1009.1	1011.9
	SD	15.598	15.112	13.998	10.029	7.410	6.855	6.736	7.303	9.418	11.861	14.578	15.456	12.202
	TOT OBS	295	270	301	292	297	292	312	299	286	293	293	304	3534
21	MEAN	1010.5	1019.0	1016.7	1013.5	1016.8	1011.0	1010.8	1011.3	1009.9	1008.9	1007.7	1008.7	1012.0
	SD	15.579	15.273	13.863	9.849	7.583	6.684	6.764	7.466	9.359	11.747	14.447	15.277	12.142
	TOT OBS	303	273	303	295	305	292	307	304	295	304	293	303	3577
ALL	MEAN	1010.3	1017.7	1016.6	1013.3	1016.8	1011.4	1011.0	1011.5	1009.6	1008.7	1007.7	1008.9	1011.9
ALL	SD	15.572	15.371	14.114	10.276	7.936	7.075	6.929	7.543	9.654	11.911	14.553	15.279	12.285
HOURS	TOT OBS	2283	2161	2396	2375	2412	2345	2436	2415	2326	2372	2314	2400	28285

COMPLEMENTARY DATA SECTION SPECIAL CAVEAT PAGE

1. GIVE PARTICULAR ATTENTION TO THE HOURS OF OPERATION PROVIDED AT BEGINNING OF THE SUMMARY.
 2. EXTREMES OCCURRING DURING NON-OPERATIONAL HOURS AND/OR DAYS WILL NOT REFLECT IN THESE SUMMARIES.
 3. 24-HOUR PRECIPITATION (INCLUDING SNOWFALL AND SNOW DEPTH) VALUES MAY NOT REFLECT TRUE 24-HOUR AMOUNTS.
 - A. INCLUDE PRECIPITATION AMOUNTS FOLLOWING WEEKENDS AND/OR HOLIDAYS FREQUENTLY REPRESENT AMOUNTS MEASURED FOR PERIODS GREATER THAN 24 HOURS.
 - B. PERIODS SHORTER THAN 24 HOURS DO NOT TAKE INTO ACCOUNT EVAPORATION.
 - C. THIS 24-HOUR AMOUNT MAY, BUT MORE FREQUENTLY DOES NOT REPRESENT THE STANDARD CLIMATOLOGICAL 24-HOURS "MIDNIGHT TO MIDNIGHT" AMOUNT.
 - D. COMBINATIONS OF THE ABOVE LIMITATIONS TEND TO FURTHER EXAGGERATE THE QUESTIONABILITY OF THESE 24-HOUR AMOUNTS.
 4. MONTHLY AMOUNTS OF PRECIPITATION (INCLUDING SNOWFALL) ARE NOT AS SERIOUSLY AFFECTED AS THE 24-HOUR VALUES. HOWEVER, EVAPORATION (SUBLIMATION) CAN CAUSE "BOGUS" AMOUNTS TO BE INCLUDED FOR NON-OPERATIONAL PERIODS WHERE THE VALUES ARE DEPENDENT ON THE LENGTH OF TIME OF THESE NON-OPERATIONAL PERIODS.
 5. THE TEMPERATURE SUMMARIES REPRESENT THE "HIGH" AND "LOW" SUMMARIZED TEMPERATURES AND NOT THE ACTUAL MAXIMUM AND MINIMUM TEMPERATURES.
- CAVEAT: RECOMMENDS THAT REPORT OF FULL TIME PERIODS, WHEN AVAILABLE, BE ACCOMPANIED BY THE CAVEAT --EXTREMES OCCURRING OUTSIDE THE FULL TIME PERIOD SUMMARIZED ARE NOT REFLECTED IN THESE SUMMARIES.
- CAVEAT: ALSO RECOMMENDS LIMITED DISTRIBUTION OF THE LIMITED OR PART TIME PERIOD TO METEOROLOGIST (S) ONLY, AND BE ACCOMPANIED BY THIS CAVEAT PAGE.

SUPPLEMENTAL DATA SECTION--SUMMARY OF DAY DATA

ATMOSPHERIC PHENOMENA SUMMARY

1. A PERCENTAGE FREQUENCY OF DAYS SUMMARY OF VARIOUS ATMOSPHERIC PHENOMENA AND OBSTRUCTIONS TO VISION.
2. DATA BASED ON SUMMARY OF DAY DATA.
3. SUMMARIZED BY MONTH WITH ALL HOURS AND ALL YEARS COMBINED.

PRECIPITATION, SNOWFALL AND SNOW DEPTH SUMMARIES

PERCENTAGE FREQUENCY OF VARIOUS DAILY AMOUNTS OF PRECIPITATION, SNOWFALL AND SNOW DEPTH SUMMARIES

THESE SUMMARIES DERIVE FROM SUMMARY OF DAY DATA.

DATA IS SUMMARIZED MONTHLY AND ANNUALLY WITH ALL YEARS COMBINED.

DISPLAYED ARE: PERCENT OF DAYS WITH MEASURABLE AMOUNTS, A PERCENT OF DAYS WITH NO AMOUNTS, TRACES, GIVEN AMOUNTS, MEANS, GREATEST AMOUNTS AND LEAST AMOUNTS (THE STATISTICAL VALUES ARE NOT INCLUDED IN THE SNOW DEPTH SUMMARY BECAUSE OF THEIR UNOBTAINABLE AND LIMITED VALUES).

ALSO PROVIDED ARE THE OBSERVATION COUNTS.

A VALUE OF "0" IN THESE TABLES INDICATES LESS THAN FOUR WHICH USUALLY INDICATE ONLY ONE OCCURRENCE.

EXTREME DAILY AMOUNTS OF PRECIPITATION, SNOWFALL AND SNOW DEPTH SUMMARIES

DATA DERIVE FROM SUMMARY OF DAY DATA.

EXTREME AND THE EXTREMELY DAILY AMOUNTS OF PRECIPITATION, SNOWFALL AND SNOW DEPTH BY INDIVIDUAL MONTH AND YEAR.

ALSO PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATIONS COUNTS.

AN A WARNING SIGN PRESENT IN THE TABLES INDICATES THAT THE EXTREME VALUE FOR THAT YEAR AND MONTH COULD BE FROM AN INCOMPLETE MONTH (AT LEAST ONE DAY OF THE MONTH IS MISSING).

WHEN A MONTH HAS VALID OBSERVATIONS REPORTED BUT NO OCCURRENCE, ZEROS ARE DISPLAYED IN THE TABLES:

EXTREME DAILY PRECIPITATION:	"0.00" EQUALS NONE FOR THE MONTH (UNOBTAINED)
EXTREME DAILY SNOWFALL:	"0.00" EQUALS NONE FOR THE MONTH (UNOBTAINED)
EXTREME DAILY SNOW DEPTH:	"0.00" EQUALS NONE FOR THE MONTH (UNOBTAINED)

TOTAL MONTHLY AMOUNTS OF PRECIPITATION AND SNOWFALL SUMMARIES

DATA DERIVED FROM SUMMARY OF DAY DATA.

DATA PRESENTED BY YEAR AND MONTH.

ALSO PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

AN ASTERISK "*" IN THE TABLES INDICATES THAT ONE OR MORE DAYS WERE MISSING FOR THE MONTH.

NO OCCURRENCES FOR THE MONTH ARE INDICATED BY ZEROS.

IF THE AMOUNT IS A TRACE, THEN "TRACE" IS PRINTED IN THE TABLES.

STATISTICAL VALUES DO NOT INCLUDE MEASUREMENTS FROM INCOMPLETE MONTHS.

SURFACE WIND SUMMARIES

EXTREME VALUES OF SURFACE WIND

DATA DERIVED FROM SUMMARY OF DAY DATA.

VALUES PRESENTED BY INDIVIDUAL MONTH AND YEAR WITH ALL YEARS COMBINED.

VALUES PRESENTED IN KNOTS.

DIRECTIONS INDICATED IN 16 COMPASS POINTS FROM BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1949.
COMMENCING JULY 1949 DIRECTIONS PRESENTED IN TERMS OF DEGREES.

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY MAXIMUM, MINIMUM AND MEAN TEMPERATURES

DATA DERIVED FROM SUMMARY OF DAY DATA.

PERCENTAGE CALCULATIONS PRESENTED BY ONE-DEGREE FAHRENHEIT INCREMENT PLUS THE MEAN, STANDARD DEVIATION AND TOTAL OBSERVATION COUNT.

THE MINIMUM TABLE ALSO INCLUDES A .5 DEGREE FAHRENHEIT INCREMENT.

SINCE MANY STATION SITES DO NOT HAVE MAXIMUM/MINIMUM THERMOMETERS, THESE TEMPERATURES WERE SELECTED BY SCANNING THE DAILY OBSERVATIONS FOR THE HIGHEST AND LOWEST VALUES.

STATISTICS DO NOT INCLUDE INCOMPLETE MONTHS (THOSE CONTAINING ASTERISKS).

VALUES FOR ALL MONTHS AND YEARS COMBINED FOR COMPUTATION AND DISPLAY OF STATISTICAL VALUES.

MEAN AND MAXIMUM AND MINIMUM VALUES

DATA DERIVED FROM SUMMARY OF DAY DATA.

ONLY ENTERED ARE THE HIGHEST AND LOWEST TEMPERATURES FOR THE MONTH FOR EACH YEAR.

ALL STATISTICAL DATA STATISTICAL VALUES WITH THE SAME LIMITATIONS MENTIONED ABOVE.

AN ATTEMPT IS MADE TO INCOMPLETE MONTHS.

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MAXIMUM TEMPERATURES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 22550

STATION NAME: AFKHANGELSK USSR

PERIOD OF RECORD: 59-71, 73-87

TEMPERATURE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01 5.1							1.1						1.0
01 6.1						1.7	1.6	1.6					1.0
01 7.1					1.7	3.3	10.5	2.5					1.4
01 8.1					1.1	11.4	26.6	10.6	1.9				1.4
01 9.1				1.1	6.5	23.5	42.9	22.5	2.1				1.7
01 10.1				1.1	12.4	37.9	61.4	35.7	5.0				1.7
01 11.1				1.4	23.2	57.5	78.5	56.5	13.8	1.0			1.0
01 12.1				4.7	35.7	73.6	90.1	76.9	32.6	1.0			1.0
01 13.1				10.2	52.4	87.5	96.6	82.6	75.4	1.1			1.1
01 14.1			1.1	20.9	67.7	96.5	99.9	99.6	93.1	1.0	1.5		1.1
01 15.1			4.1	37.0	82.3	98.9	100.0	100.0	94.0	38.3	4.0		1.1
01 16.1	1.4	1.1	22.7	61.5	96.2	100.0			99.3	67.3	72.7	3.1	1.1
01 17.1	11.1	1.1	46.7	85.3	99.5				100.0	98.5	94.9	14.1	1.1
01 18.1	24.8	22.7	66.0	96.3	100.0					95.1	71.5	61.5	1.1
01 19.1	74.3	37.7	77.6	95.2						98.5	90.1	94.1	1.1
01 20.1	93.2	57.8	88.0	100.0						99.3	88.8	85.1	1.1
01 21.1	97.4	67.4	95.0							100.0	92.8	76.1	1.1
01 22.1	97.7	79.1	97.7								96.5	82.5	1.1
01 23.1	98.4	87.1	99.6								98.4	88.7	1.1
01 24.1	98.4	92.1	99.9								98.8	92.7	1.1
01 25.1	98.4	95.1	100.0								99.6	96.6	1.1
01 26.1	98.4	98.4									99.9	98.6	1.1
01 27.1	98.4	99.1									100.0	99.0	1.1
01 28.1	98.4	99.1										99.3	1.1
01 29.1	98.4	99.1										99.9	1.1
01 30.1	98.4	99.1										100.0	1.1
MEAN	11.6	14.3	26.4	37.4	51.0	61.7	67.5	61.9	51.4	37.2	27.5	18.4	36.9
SD	16.127	12.646	9.479	8.560	11.186	15.157	9.287	9.643	7.757	7.751	10.025	13.577	21.736
TOTAL OBS	350	684	777	777	759	736	734	737	697	673	677	717	6675

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MINIMUM TEMPERATURES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 205600

STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 59-71, 73-87

TEMPERATURE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 7 F							.4						.0
GE 6 F						.3	3.3	.5					.3
GE 5 F					.1	3.8	15.7	6.3	.1				2.2
GE 4 F					1.7	16.8	39.1	21.1	2.7				6.9
GE 3 F					6.2	34.6	62.4	47.3	12.5	1.3			13.8
GE 2 F				.1	15.3	53.4	79.8	70.0	31.3	4.3	.1		21.4
GE 1 F				.9	27.9	69.3	94.1	87.3	53.4	12.4	1.0		29.1
GE 0 F	.3		1.0	11.4	50.6	87.5	69.3	97.0	78.6	31.4	6.2		38.8
GE -1 F	.7	.1	3.7	19.8	59.8	93.5	99.7	97.8	85.1	40.9	10.3	1.1	42.9
GE -2 F	1.9	1.4	13.0	35.4	78.3	98.0	100.0	99.5	94.1	65.5	27.3	7.4	51.9
GE -3 F	7.2	5.7	20.6	53.6	94.3	100.0		100.0	79.1	80.1	48.3	19.4	61.2
GE -4 F	12.5	11.4	36.4	66.2	98.7				79.9	88.5	59.1	27.8	66.9
GE -5 F	22.1	24.7	51.4	79.2	99.9				100.0	95.1	71.2	41.2	73.7
GE -6 F	31.6	36.5	64.9	91.3	100.0					97.8	81.4	52.9	79.9
GE -7 F	44.4	48.8	74.4	97.0						99.3	96.9	62.0	84.4
GE -8 F	72.4	60.2	92.1	99.1						99.9	91.3	70.3	87.9
GE -9 F	55.1	71.5	87.3	99.9						100.0	94.8	77.1	90.8
GE -10 F	66.8	78.7	92.5	100.0							97.3	84.7	93.3
GE -11 F	76.4	86.5	96.5								99.0	90.7	95.7
GE -12 F	84.7	90.6	98.7								99.6	95.7	97.4
GE -13 F	90.6	94.7	99.4									97.3	98.5
GE -14 F	94.7	97.2	99.9								99.9	98.6	99.2
GE -15 F	97.7	94.8	100.0								100.0	98.9	99.6
GE -16 F	95.7	100.0										99.6	99.9
GE -17 F	100.0											100.0	100.0
MEAN	-6	-2.4	13.3	23.9	35.6	45.1	51.7	48.4	40.5	30.7	20.2	8.1	26.6
SD	17.734	15.411	14.263	9.776	8.022	8.551	7.678	7.395	7.214	6.886	12.823	16.267	21.060
TOTAL OBS	750	684	777	777	759	736	734	733	697	678	677	713	6675

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MEAN TEMPERATURES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 225500

STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 59-71, 73-87

TEMPERATURE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GF 75						.4	1.9	.7					.3
GE 70					.1	2.4	11.3	2.9					1.4
GE 65					1.4	12.1	29.3	13.9	.9				4.9
GE 60					5.3	26.6	53.8	29.1	4.0				15.1
GE 55					13.2	48.4	72.9	53.3	12.5	.4			17.0
GE 50				1.2	25.3	64.7	89.0	75.0	10.6	2.4			24.3
GE 45				5.0	41.6	82.9	98.6	93.2	19.7	4.7	.3		32.9
GE 40			.3	16.4	62.3	95.8	100.0	99.2	43.6	26.8	1.8		40.8
GE 35			8.1	37.4	84.2	99.7		100.0	96.0	52.8	12.0	.7	49.5
GE 30	4.3	3.4	25.1	58.5	97.2	100.0			100.0	76.7	39.9	12.6	59.9
GE 25	11.7	11.8	42.3	76.1	99.6					89.2	57.2	26.6	68.0
GE 20	22.7	23.8	60.1	91.2	100.0					95.7	73.0	41.8	75.8
GE 15	34.5	37.9	71.0	98.1						98.5	81.4	53.4	81.3
GE 10	46.8	52.6	81.3	99.7						99.4	88.9	66.2	86.3
GE 5	54.5	64.8	89.4	100.0						100.0	93.1	73.1	89.6
GE 0	62.7	74.3	93.6								95.9	80.6	92.3
GE -5	71.2	83.6	97.0								98.4	86.1	94.7
GE -10	80.3	89.2	98.8								98.8	81.9	96.6
GE -15	87.1	93.6	100.0								99.6	86.5	98.1
GE -20	92.1	96.6									99.7	88.3	98.9
GE -25	95.6	98.5									100.0	89.0	99.4
GE -30	98.1	99.7										89.2	99.7
GE -35	99.5	100.0										89.9	99.9
GE -40	100.0											100.0	100.0
MEAN	5.2	8.5	20.4	31.1	43.6	53.7	59.9	55.4	46.3	34.6	24.1	13.3	33.0
SD	16.671	13.998	11.485	8.480	6.983	6.714	7.779	7.629	6.987	7.984	11.217	14.743	21.171
TOTAL OBS	750	684	777	737	759	736	734	733	697	678	677	713	8675

GLOBAL CLIMATOLOGY BRANCH
LSAFLTAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 225500 STATION NAME: ARKHANGELSK USSR

PERIOD OF RECORD: 59-71, 73-87

YEAR	WHOLE DEGREES FAHRENHEIT -M-O-N-T-H-S-												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
59	*34	*32	*41	*57	*59	*55		*79	*51	*39	*36	*23	
60	*19	*25	*39	*48	*64	*73	*86	*77	*57	*37	*39	*36	*86
61	*26	*34	*37	*47	*77	*82	*86	*72	*55	*52	*45	*34	*86
62	*24	*34	*36	*59	*68	*72	*79	*73	*55	*50	*45	*34	*79
63	*19	*15	*27	*59	*77	*77	*84	*77	*79	*48	*37	*36	*84
64	*27	*30	*36	*55	*72	*82	*82	*86	*64	*48	*39	*39	*86
65	*24	*28	*37	*61	*59	*79	*75	*79	*77	*50	*41	*34	*79
66	*19	14	*39	50	75	81	81	81	*61	55	41	30	81
67	*22	*32	46	57	66	77	81	88	72	59	48	25	88
68	*23	*34	*37	*46	*64	*81	*84	*75	*66	*50	*37	*32	*84
69	*25	26	*27	*61	*54	68	*86	*73	*66	50	39	34	*86
70	34	26	37	48	66	79	88	79	*63	52	*34	32	88
71	*27	*32	39	46	64	70							
73	*29	*32	*46	*53	*75	*78	*84	*75	*53	*53	*39	*37	*84
74	*22	*37	39	*46	*64	*87	*91	*77	*73	*62	*35	*35	*91
75	*29	37	*42	51	*73	*77	*84	*86	*69	*51	*35	*33	*86
76	*23	*35	39	*51	*73	*68	*80	*75	*62	*42	*41	*35	*80
77	*23	*28	*39	*63	*82	*81	*68	86	70	*39	*45	*32	*88
78	*32	*25	*43	*45	*73	84	79	*79	64	45	*39	32	84
79	27	37	46	54	82	73	79	*77	66	50	36	34	82
80	28	36	37	50	73	*84	84	*77	70	54	36	34	*84
81	37	27	*45	45	72	88	82	79	*66	*61	34	*34	88
82	*29	34	*40	55	77	*73	*88	73	69	46	43	37	*88
83	26	*35	42	72	66	*83	84	79	64	49	41	*39	84
84	23	34	36	47	*83	83	81	78	*65	49	42	35	*83
85	27	*21	46	*49	69	81	*81	*82	72	*53	38	*33	*82
86	34	*24	40	67	*64	81	*81	*81	*50	47	*43	*35	81
87	*30	*73	*39	*47	*76	74	80	*79	60				
MEAN	32.0	30.1	41.2	53.5	71.0	78.3	81.9	80.4	67.3	51.5	39.8	31.6	
S.D.	4.071	7.097	4.119	8.372	5.831	5.987	2.767	4.719	4.123	3.989	4.104	3.468	
TOTAL OBS	750	684	777	737	759	736	734	733	697	678	677	713	8675

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 225500 STATION NAME: ARKANGELSK USSR

PERIOD OF RECORD: 59-71, 73-87

WHOLE DEGREES FAHRENHEIT													
	-M-O-N-T-H-S-												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
59	*-29	*14	*-4	*3	*34	*45		*46	*37	*7	*10	*-11	
60	*-20	*-24	*-18	*9	*27	*39	*54	*41	*34	*23	*-9	*-9	*-24
61	*-17	*1	*7	*9	*14	*45	*45	*45	*36	*32	*-17	*-18	*-18
62	*-17	*-4	*-9	*14	*28	*36	*43	*39	*32	*12	*16	*-13	*-17
63	*-24	*-17	*-24	*3	*34	*32	*41	*39	*34	*25	*-8	*-18	*-24
64	*-18	*-11	*-17	*1	*21	*32	*45	*39	*32	*28	*-26	*-26	*-26
65	*-24	*-26	*-8	*0	*19	*32	*39	*32	*34	*19	*-13	*-2	*-26
66	*-35	-40	*-20	-6	21	30	34	28	*19	3	21	-18	-40
67	*-38	*-18	7	21	25	28	36	46	32	25	9	-14	*-38
68	*-34	*-4	*-6	*-2	*23	*32	*34	*36	*27	-2	*-33	*-40	*-40
69	*-33	-33	*-15	*9	*16	27	*37	*30	*28	19	10	-24	*-33
70	-31	-15	1	3	23	30	43	32	*32	25	*-8	-8	-31
71	*-17	*-27	-29	5	21	32							
73	*-37	*-17	*-10	*12	*30	*33	*35	*37	*21	*19	*-10	*-26	*-37
74	*-26	*-12	10	*12	*19	*35	*44	*39	*32	*17	*-10	*17	*-26
75	*-22	-22	*-15	23	*32	*33	*35	*35	*32	*14	*10	*-4	*-22
76	*-24	*-33	-21	*14	*24	*28	*39	*35	*28	*6	*-1	*-1	*-33
77	*-33	*-24	*-19	*3	*21	*32	*36	37	25	*7	*18	*-29	*-33
78	*-26	*-22	*-20	*-4	*21	28	34	*39	28	23	*-11	-45	-45
79	-40	-36	-31	1	27	28	39	*32	28	0	9	-11	-40
80	-35	-20	-17	7	19	*30	32	*28	25	10	-18	-11	-35
81	-20	-6	*-29	7	23	27	41	39	*36	*25	19	*-18	*-29
82	*-40	-14	*-11	14	26	*29	*40	32	26	7	4	-14	*-40
83	-15	*-14	-17	12	26	*29	38	34	30	17	-2	*-19	-15
84	-13	-1	-12	1	*24	29	42	29	*27	6	-18	-10	-18
85	-42	*-39	-6	*-4	24	29	*35	*34	31	*10	-14	*-29	-42
86	-29	*-37	-10	9	*17	34	*32	*30	*23	25	*19	*-32	*-37
87	*-42	*-23	*-17	*2	*27	31	39	*37	24				
MEAN	-29.1	-20.8	-11.4	8.1	23.5	29.4	37.8	34.6	27.7	13.2	2.0	-17.7	
S.D.	11.764	13.424	13.530	8.404	2.593	2.109	3.706	5.902	2.972	10.321	14.484	11.413	
TOTAL OBS	750	684	777	737	759	736	734	733	697	678	677	713	8675

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)

END

DATE

~~FILMED~~

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